






Forterra Building Products Limited
5 Grange Park Court
Roman Way
Northampton
NN4 5EA

Tel +44 (0)1604 707 600
forterra.co.uk

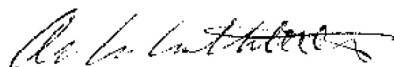
Thank you for downloading our CE certification for Thermalite Blocks. You can find the appropriate certificate in two simple steps:

1. First, press your  +  buttons to bring up the search box.
2. Next type in the Product name or DoP number into the search box  and press enter.

For Special Shapes and “Selected” classification products, the certification for the base product should be utilised.

Note, this file contains many pages, if you choose to print the certificates, remember to only print the page that you require and not the entire catalogue. For further assistance please contact our Technical Centre on 0330 123 1018.

Yours sincerely,



Carl Cuthbert
Head of Quality and Clay Services
Forterra Building Products Limited



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Turbo
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300919



Declaration of Performance

DOP/HANUK/TH/6300919

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Turbo
12**

Category II, 440 x 115 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 115 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300933



Declaration of Performance

DOP/HANUK/TH/6300933

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Turbo
12**

Category II, 440 x 125 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 125 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300957



Declaration of Performance

DOP/HANUK/TH/6300957

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 125 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Turbo
12**

Category II, 440 x 130 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 130 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300971



Declaration of Performance

DOP/HANUK/TH/6300971

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 130 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Turbo
12**

Category II, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 140 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300988



Declaration of Performance

DOP/HANUK/TH/6300988

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Turbo
12**

Category II, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 150 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300995



Declaration of Performance

DOP/HANUK/TH/6300995

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Turbo
12**

Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 190 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301018



Declaration of Performance

DOP/HANUK/TH/6301018

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Turbo
12**

Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 200 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301015



Declaration of Performance

DOP/HANUK/TH/6301015

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Turbo
12**

Category II, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 215 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301022



Declaration of Performance

DOP/HANUK/TH/6301022

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Turbo
12**

Category II, 440 x 265 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 265 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301039



Declaration of Performance

DOP/HANUK/TH/6301039

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 265 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Turbo
12**

Category II, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 300 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301046



Declaration of Performance

DOP/HANUK/TH/6301046

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Turbo
12**

Category II, 440 x 100 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301275



Declaration of Performance

DOP/HANUK/TH/6301275

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Turbo
12**

Category II, 440 x 115 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 115 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As Above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301282



Declaration of Performance

DOP/HANUK/TH/6301282

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Turbo
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.90 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 470 kg/m³
Configuration: As above

Thermal conductivity: 0.10 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 50 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 50 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300711



Declaration of Performance

DOP/HANUK/TH/6300711

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 50 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 75 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 75 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300728



Declaration of Performance

DOP/HANUK/TH/6300728

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 75 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 90 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 90 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300735



Declaration of Performance

DOP/HANUK/TH/6300735

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 90 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300742



Declaration of Performance

DOP/HANUK/TH/6300742

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 115 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 115 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300766



Declaration of Performance

DOP/HANUK/TH/6300766

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 125 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 125 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300773



Declaration of Performance

DOP/HANUK/TH/6300773

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 125 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 140 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300780



Declaration of Performance

DOP/HANUK/TH/6300780

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 150 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300803



Declaration of Performance

DOP/HANUK/TH/6300803

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 190 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300810



Declaration of Performance

DOP/HANUK/TH/6300810

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 200 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300827



Declaration of Performance

DOP/HANUK/TH/6300827

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 100 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 140 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301268



Declaration of Performance

DOP/HANUK/TH/6301268

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 115 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 115 (mm) x 140 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301381



Declaration of Performance

DOP/HANUK/TH/6301381

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Shield
12**

Category II, 440 x 100 x 240 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 240 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301428



Declaration of Performance

DOP/HANUK/TH/6301428

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 240 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Shield
12**

Category II, 440 x 100 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301398



Declaration of Performance

DOP/HANUK/TH/6301398

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Shield
12**

Category II, 440 x 115 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 115 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301404



Declaration of Performance

DOP/HANUK/TH/6301404

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Shield
12**

Category II, 440 x 125 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 125 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301442



Declaration of Performance

DOP/HANUK/TH/6301442

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 125 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Shield
12**

Category II, 440 x 140 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 140 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301411



Declaration of Performance

DOP/HANUK/TH/6301411

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Shield
12**

Category II, 440 x 200 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 200 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301534



Declaration of Performance

DOP/HANUK/TH/6301534

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Shield
12**

Category II, 540 x 100 x 440 mm autoclaved aerated concrete masonry units

Dimensions: 540 (mm) x 100 (mm) x 440 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301435



Declaration of Performance

DOP/HANUK/TH/6301435

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Shield
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 540 x 100 x 440 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Party Wall
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As Above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300599



Declaration of Performance

DOP/HANUK/TH/6300599

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Party Wall
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Party Wall
12**

Category II, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 215 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As Above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300605



Declaration of Performance

DOP/HANUK/TH/6300605

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Party Wall
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Party Wall
12**

Category II, 440 x 100 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As Above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301213



Declaration of Performance

DOP/HANUK/TH/6301213

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Party Wall
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 660 kg/m³
Configuration: As above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Flooring Slip
12**

Category II, 215 x 100 x 40 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 100 (mm) x 40 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301145



Declaration of Performance

DOP/HANUK/TH/6301145

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Flooring Slip
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 100 x 40 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Flooring Slip
12**

Category II, 215 x 100 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 100 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300018



Declaration of Performance

DOP/HANUK/TH/6300018

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Flooring Slip
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Floor End Block
12**

Category II, 440 x 150 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 150 (mm) x 140 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301343



Declaration of Performance

DOP/HANUK/TH/6301343

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Floor End Block
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Floor End Block
12**

Category II, 440 x 175 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 175 (mm) x 140 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301350



Declaration of Performance

DOP/HANUK/TH/6301350

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Floor End Block
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 175 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Floor End Block
12**

Category II, 530 x 440 x 145 mm autoclaved aerated concrete masonry units

Dimensions: 530 (mm) x 440 (mm) x 145 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301558



Declaration of Performance

DOP/HANUK/TH/6301558

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Floor End Block
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 530 x 440 x 145 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300216



Declaration of Performance

DOP/HANUK/TH/6300216

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7
12**

Category II, 440 x 115 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 115 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300230



Declaration of Performance

DOP/HANUK/TH/6300230

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7
12**

Category II, 440 x 125 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 125 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300247



Declaration of Performance

DOP/HANUK/TH/6300247

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 125 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7
12**

Category II, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 140 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300261



Declaration of Performance

DOP/HANUK/TH/6300261

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7
12**

Category II, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 150 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300285



Declaration of Performance

DOP/HANUK/TH/6300285

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7
12**

Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 190 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300292



Declaration of Performance

DOP/HANUK/TH/6300292

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7
12**

Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 200 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300308



Declaration of Performance

DOP/HANUK/TH/6300308

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7
12**

Category II, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 215 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300315



Declaration of Performance

DOP/HANUK/TH/6300315

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Hi Strength 7
12**

Category II, 440 x 100 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301305



Declaration of Performance

DOP/HANUK/TH/6301305

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Hi Strength 7
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Hi Strength 7
12**

Category II, 440 x 140 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 140 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301312



Declaration of Performance

DOP/HANUK/TH/6301312

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Hi Strength 7
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Hi Strength 7
12**

Category II, 440 x 150 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 150 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301541



Declaration of Performance

DOP/HANUK/TH/6301541

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Hi Strength 7
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Paint Grade Smooth
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As Above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300612



Declaration of Performance

DOP/HANUK/TH/6300612

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Paint Grade Smooth
12**

Category II, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 140 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As Above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300629



Declaration of Performance

DOP/HANUK/TH/6300629

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Paint Grade Smooth
12**

Category II, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 150 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As Above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300636



Declaration of Performance

DOP/HANUK/TH/6300636

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Paint Grade Smooth
12**

Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 190 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As Above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300643



Declaration of Performance

DOP/HANUK/TH/6300643

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Paint Grade Smooth
12**

Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 200 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As Above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300650



Declaration of Performance

DOP/HANUK/TH/6300650

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Paint Grade Smooth
12**

Category II, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 215 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 660 kg/m³
Configuration: As Above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300667



Declaration of Performance

DOP/HANUK/TH/6300667

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 4.00 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 660 kg/m³
Configuration: As above

Thermal conductivity: 0.14 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Paint Grade Smooth
12**

Category II, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300339



Declaration of Performance

DOP/HANUK/TH/6300339

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Paint Grade Smooth
12**

Category II, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 140 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300353

Declaration of Performance

DOP/HANUK/TH/6300353

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Paint Grade Smooth
12**

Category II, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 150 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300360

Declaration of Performance

DOP/HANUK/TH/6300360

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Paint Grade Smooth
12**

Category II, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 190 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300377



Declaration of Performance

DOP/HANUK/TH/6300377

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Paint Grade Smooth
12**

Category II, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 200 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300384



Declaration of Performance

DOP/HANUK/TH/6300384

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Paint Grade Smooth
12**

Category II, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 215 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300391



Declaration of Performance

DOP/HANUK/TH/6300391

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Hi Strength 7 Paint Grade Smooth
12**

Category II, 440 x 100 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301190



Declaration of Performance

DOP/HANUK/TH/6301190

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Hi Strength 7 Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Large Format Hi Strength 7 Paint Grade Smooth
12**

Category II, 440 x 140 x 430 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 140 (mm) x 430 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301329



Declaration of Performance

DOP/HANUK/TH/6301329

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Large Format Hi Strength 7 Paint Grade Smooth
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 430 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock
12**

Category II, 440 x 255 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 255 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300674



Declaration of Performance

DOP/HANUK/TH/6300674

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock
12**

Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 275 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10,dry}$ unit, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300681



Declaration of Performance

DOP/HANUK/TH/6300681

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10,dry}$ unit, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock
12**

Category II, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 300 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300698



Declaration of Performance

DOP/HANUK/TH/6300698

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock
12**

Category II, 440 x 355 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 355 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300704



Declaration of Performance

DOP/HANUK/TH/6300704

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock
12**

Category II, 440 x 255 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 255 (mm) x 140 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10,dry}$ unit, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301237



Declaration of Performance

DOP/HANUK/TH/6301237

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 255 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10,dry}$ unit, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock
12**

Category II, 440 x 275 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 275 (mm) x 140 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10,dry}$ unit, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301244



Declaration of Performance

DOP/HANUK/TH/6301244

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10,dry}$ unit, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock
12**

Category II, 440 x 300 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 300 (mm) x 140 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301251



Declaration of Performance

DOP/HANUK/TH/6301251

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock
12**

Category II, 440 x 355 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 355 (mm) x 140 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10,dry}$ unit, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301374



Declaration of Performance

DOP/HANUK/TH/6301374

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10,dry}$ unit, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock T and G
12**

Category II, 440 x 255 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 255 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300544



Declaration of Performance

DOP/HANUK/TH/6300544

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock T and G
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock T and G
12**

Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 275 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit}$, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300551



Declaration of Performance

DOP/HANUK/TH/6300551

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock T and G
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit}$, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock T and G
12**

Category II, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 300 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300568



Declaration of Performance

DOP/HANUK/TH/6300568

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock T and G
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Trenchblock T and G
12**

Category II, 440 x 355 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 355 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10,dry}$ unit, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300575



Declaration of Performance

DOP/HANUK/TH/6300575

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Trenchblock T and G
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 3.60 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [$\lambda_{10,dry}$ unit, S2]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Trenchblock
12**

Category II, 440 x 255 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 255 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300407



Declaration of Performance

DOP/HANUK/TH/6300407

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Trenchblock
12**

Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 275 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300414



Declaration of Performance

DOP/HANUK/TH/6300414

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Trenchblock
12**

Category II, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 300 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300421



Declaration of Performance

DOP/HANUK/TH/6300421

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Trenchblock
12**

Category II, 440 x 355 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 355 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300438



Declaration of Performance

DOP/HANUK/TH/6300438

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Trenchblock
12**

Category II, 440 x 275 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 275 (mm) x 140 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301169



Declaration of Performance

DOP/HANUK/TH/6301169

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Trenchblock
12**

Category II, 440 x 300 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 300 (mm) x 140 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301596



Declaration of Performance

DOP/HANUK/TH/6301596

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Trenchblock
12**

Category II, 440 x 355 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 355 (mm) x 140 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301336



Declaration of Performance

DOP/HANUK/TH/6301336

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Trenchblock
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Trenchblock T and G
12**

Category II, 440 x 255 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 255 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300162



Declaration of Performance

DOP/HANUK/TH/6300162

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Trenchblock T and G
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 255 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Trenchblock T and G
12**

Category II, 440 x 275 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 275 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300179

Declaration of Performance

DOP/HANUK/TH/6300179

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Trenchblock T and G
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Trenchblock T and G
12**

Category II, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 300 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300186



Declaration of Performance

DOP/HANUK/TH/6300186

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Trenchblock T and G
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Trenchblock T and G
12**

Category II, 440 x 355 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 355 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300193

Declaration of Performance

DOP/HANUK/TH/6300193

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Trenchblock T and G
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: Resistant to Freeze Thaw

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Coursing Unit
12**

Category II, 215 x 100 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 100 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300018



Declaration of Performance

DOP/HANUK/TH/6300018

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Coursing Unit
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Coursing Unit
12**

Category II, 215 x 115 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 115 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300025



Declaration of Performance

DOP/HANUK/TH/6300025

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Coursing Unit
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 115 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Coursing Unit
12**

Category II, 215 x 125 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 125 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300032



Declaration of Performance

DOP/HANUK/TH/6300032

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Coursing Unit
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 125 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Coursing Unit
12**

Category II, 215 x 140 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 140 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300049



Declaration of Performance

DOP/HANUK/TH/6300049

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Coursing Unit
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 140 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Coursing Unit
12**

Category II, 215 x 150 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 150 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300056



Declaration of Performance

DOP/HANUK/TH/6300056

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Coursing Unit
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 150 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Coursing Block
12**

Category II, 440 x 100 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301114



Declaration of Performance

DOP/HANUK/TH/6301114

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Coursing Block
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 100 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Coursing Block
12**

Category II, 440 x 115 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 115 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301121



Declaration of Performance

DOP/HANUK/TH/6301121

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Coursing Block
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 115 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Coursing Block
12**

Category II, 440 x 140 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 140 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301138



Declaration of Performance

DOP/HANUK/TH/6301138

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Coursing Block
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 140 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 7 Coursing Block
12**

Category II, 440 x 150 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 150 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As Above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301626



Declaration of Performance

DOP/HANUK/TH/6301626

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 7 Coursing Block
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 440 x 150 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 7.30 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 730 kg/m³
Configuration: As above

Thermal conductivity: 0.16 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Coursing Unit
12**

Category II, 215 x 100 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 100 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.9 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300087



Declaration of Performance

DOP/HANUK/TH/6300087

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Coursing Unit
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.9 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Coursing Unit
12**

Category II, 215 x 115 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 115 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.9 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300100



Declaration of Performance

DOP/HANUK/TH/6300100

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Coursing Unit
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 115 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.9 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Coursing Unit
12**

Category II, 215 x 125 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 125 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.9 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300117



Declaration of Performance

DOP/HANUK/TH/6300117

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Coursing Unit
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 125 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.9 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Coursing Unit
12**

Category II, 215 x 140 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 140 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.9 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300131



Declaration of Performance

DOP/HANUK/TH/6300131

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Coursing Unit
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 140 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.9 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Coursing Unit
12**

Category II, 215 x 150 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 150 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.9 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As Above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300148



Declaration of Performance

DOP/HANUK/TH/6300148

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Coursing Unit
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category II, 215 x 150 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 4
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 2.9 N/mm² [⊥ bed face, whole unit]. [Cat II]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 600 kg/m³
Configuration: As above

Thermal conductivity: 0.13 W/m.K [λ_{10} , dry unit, S2]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 10
12**

13333-CPD-00149

Category I, 440 x 100 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 100 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As Above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300445



Declaration of Performance

DOP/HANUK/TH/6300445

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 100 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 10
12**

13333-CPD-00149

Category I, 440 x 140 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 140 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 770 kg/m³
Configuration: As Above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300469



Declaration of Performance

DOP/HANUK/TH/6300469

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 140 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 770 kg/m³
Configuration: As above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 10
12**

13333-CPD-00149

Category I, 440 x 150 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 150 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As Above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300476



Declaration of Performance

DOP/HANUK/TH/6300476

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 150 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 10
12**

13333-CPD-00149

Category I, 440 x 190 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 190 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As Above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300483



Declaration of Performance

DOP/HANUK/TH/6300483

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 190 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 10
12**

13333-CPD-00149

Category I, 440 x 200 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 200 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As Above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300490



Declaration of Performance

DOP/HANUK/TH/6300490

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 200 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 10
12**

13333-CPD-00149

Category I, 440 x 215 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 215 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As Above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300506

Declaration of Performance

DOP/HANUK/TH/6300506

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 215 x 215 mm, autoclaved aerated concrete masonry units

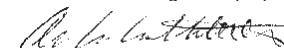
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:		Solid
Compressive strength:		Mean 9.0 N/mm ² [⊥ bed face, whole unit]. [Cat I]
Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m
Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:		NPD
Reaction to fire:		Euroclass A1
Water absorption:		NPD
Water vapour diffusion coefficient:	Fixed Value:	5/10
Direct airborne sound insulation:	Gross density:	770 kg/m ³
	Configuration:	As above
Thermal conductivity:		0.17 W/m.K [$\lambda_{10, dry unit, S2}$]
Durability against freeze-thaw:		NPD
Dangerous Substances:		See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011**Hi Strength 10
12****13333-CPD-00149**

Category I, 440 x 275 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 275 (mm) x 215 (mm)**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)**Configuration:** Solid**Compressive strength:** Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m**Shear Bond Strength:** Fixed value: 0.15 N/mm²**Flexural Bond Strength:** NPD**Reaction to fire:** Euroclass A1**Water Absorption:** NPD**Water vapour diffusion coefficient :** Fixed Value: 5/10**Direct airborne sound insulation:** Gross density: 770 kg/m³
Configuration: As Above**Thermal conductivity:** 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]**Durability against freeze-thaw:** NPD**Dangerous Substances:** See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300513

**Declaration of Performance****DOP/HANUK/TH/6300513**

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 275 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 10
12**

13333-CPD-00149

Category I, 440 x 300 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 300 (mm) x 215 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 770 kg/m³
Configuration: As Above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300520



Declaration of Performance

DOP/HANUK/TH/6300520

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 300 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation:
Gross density: 770 kg/m³
Configuration: As above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011**Hi Strength 10
12****13333-CPD-00149**

Category I, 440 x 355 x 215 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 355 (mm) x 215 (mm)**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)**Configuration:** Solid**Compressive strength:** Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m**Shear Bond Strength:** Fixed value: 0.15 N/mm²**Flexural Bond Strength:** NPD**Reaction to fire:** Euroclass A1**Water Absorption:** NPD**Water vapour diffusion coefficient :** Fixed Value: 5/10**Direct airborne sound insulation:** Gross density: 770 kg/m³
Configuration: As Above**Thermal conductivity:** 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]**Durability against freeze-thaw:** NPD**Dangerous Substances:** See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6300445

**Declaration of Performance****DOP/HANUK/TH/6300445**

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 355 x 215 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011**Hi Strength 10
12****13333-CPD-00149**

Category I, 440 x 275 x 140 mm autoclaved aerated concrete masonry units

Dimensions: 440 (mm) x 275 (mm) x 140 (mm)**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)**Configuration:** Solid**Compressive strength:** Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m**Shear Bond Strength:** Fixed value: 0.15 N/mm²**Flexural Bond Strength:** NPD**Reaction to fire:** Euroclass A1**Water Absorption:** NPD**Water vapour diffusion coefficient :** Fixed Value: 5/10**Direct airborne sound insulation:** Gross density: 770 kg/m³
Configuration: As Above**Thermal conductivity:** 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]**Durability against freeze-thaw:** NPD**Dangerous Substances:** See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301466

**Declaration of Performance****DOP/HANUK/TH/6301466**

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 440 x 275 x 140 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 10
12**

13333-CPD-00149

Category I, 215 x 100 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 100 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As Above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301565

Declaration of Performance

DOP/HANUK/TH/6301565

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 215 x 100 x 65 mm, autoclaved aerated concrete masonry units

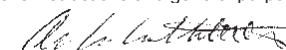
Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:		Solid
Compressive strength:		Mean 9.0 N/mm ² [⊥ bed face, whole unit]. [Cat I]
Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m
Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:		NPD
Reaction to fire:		Euroclass A1
Water absorption:		NPD
Water vapour diffusion coefficient:	Fixed Value:	5/10
Direct airborne sound insulation:	Gross density:	770 kg/m ³
	Configuration:	As above
Thermal conductivity:		0.17 W/m.K [$\lambda_{10, dry unit, S2}$]
Durability against freeze-thaw:		NPD
Dangerous Substances:		See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011

**Hi Strength 10
12**

13333-CPD-00149

Category I, 215 x 140 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 140 (mm) x 65 (mm)

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimension Stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond Strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water Absorption: NPD

Water vapour diffusion coefficient : Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As Above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301602

Declaration of Performance

DOP/HANUK/TH/6301602

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**

Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 215 x 140 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances: category: GPLM (unless stated otherwise on the delivery ticket)

Configuration: Solid

Compressive strength: Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]

Dimensional stability: Moisture Movement: Nominal 0.50 mm/m

Shear Bond strength: Fixed value: 0.15 N/mm²

Flexural Bond Strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: Fixed Value: 5/10

Direct airborne sound insulation: Gross density: 770 kg/m³
Configuration: As above

Thermal conductivity: 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]

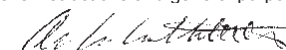
Durability against freeze-thaw: NPD

Dangerous Substances: See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:



Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015



13333

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 771-4:2011**Hi Strength 10
12****13333-CPD-00149**

Category I, 215 x 150 x 65 mm autoclaved aerated concrete masonry units

Dimensions: 215 (mm) x 150 (mm) x 65 (mm)**Dimensional tolerances:** category: GPLM (unless stated otherwise on the delivery ticket)**Configuration:** Solid**Compressive strength:** Mean 9.0 N/mm² [⊥ bed face, whole unit]. [Cat I]**Dimension Stability:** Moisture Movement: Nominal 0.50 mm/m**Shear Bond Strength:** Fixed value: 0.15 N/mm²**Flexural Bond Strength:** NPD**Reaction to fire:** Euroclass A1**Water Absorption:** NPD**Water vapour diffusion coefficient :** Fixed Value: 5/10**Direct airborne sound insulation:** Gross density: 770 kg/m³
Configuration: As Above**Thermal conductivity:** 0.17 W/m.K [$\lambda_{10, dry unit, S2}$]**Durability against freeze-thaw:** NPD**Dangerous Substances:** See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

See Also Declaration of Performance DOP/HANUK/TH/6301619

**Declaration of Performance****DOP/HANUK/TH/6301619**

The undersigned, representing the following:

Forterra Building Products Limited
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

Confirms that:

**Hi Strength 10
12**Conforms to the Harmonised European Standard: **BS EN 771-4:2011**

Category I, 215 x 150 x 65 mm, autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: Annex ZA of BS EN 771-4:2011, System 2+
Regulation (EU): 305/2011

Dimensional tolerances:	category:	GPLM (unless stated otherwise on the delivery ticket)
Configuration:		Solid
Compressive strength:		Mean 9.0 N/mm ² [⊥ bed face, whole unit]. [Cat I]
Dimensional stability:	Moisture Movement:	Nominal 0.50 mm/m
Shear Bond strength:	Fixed value:	0.15 N/mm ²
Flexural Bond Strength:		NPD
Reaction to fire:		Euroclass A1
Water absorption:		NPD
Water vapour diffusion coefficient:	Fixed Value:	5/10
Direct airborne sound insulation:	Gross density:	770 kg/m ³
	Configuration:	As above
Thermal conductivity:		0.17 W/m.K [$\lambda_{10, dry unit, S2}$]
Durability against freeze-thaw:		NPD
Dangerous Substances:		See Note

Note: Information on Dangerous substances will only be given when and where required in the appropriate form. See Annex ZA3 of BS EN 771-4:2011.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

Signed on behalf of the
manufacturer:

Full name: Carl Cuthbert

Position: Quality Manager

Date: 05 October 2015