

Declaration of Performance
Certificate Number: DOP/F/FP-Blocks/JL143

The undersigned, representing the following:

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

Confirms that:

BS EN 771-4:2011
JL143 Spacer Block used in the walls
Manufacturing Plant:Hams Hall

13

Product Name: JL143 Blocks

Conforms to harmonised European Standard: BS EN 771-4:2011

Category II: 440 x 142.5 x 140 mm Autoclaved aerated concrete masonry units

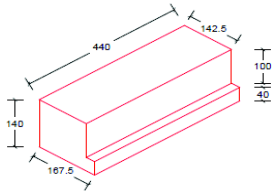
Provision to which the product conforms: Standard: BS EN 771-4:2011
Regulation (EU) No. 305 / 2011

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

Dimensional Tolerances :

Category: GPLM
Flatness: NPD
Parallelism: NPD

Configuration: Solid
Compressive Strength: Mean 7.30 N/mm² [±bed face]
Dimensional Stability: Moisture movement: mean 0.40 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 5/15
Direct airborne sound insulation: NPD
Gross density: 730kg/m³
Configuration: As Above
0.16 W/m.K[λ10,dry]
See Note



Thermal Conductivity: 0.16 W/m.K[λ10,dry]
Dangerous Substances: See Note

Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture: Full name: Matthew Clay

Position: Managing Director (Design Solutions) Date: 06 June 2017

Version: 2



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

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BS EN 771-4:2011
JL143 Spacer Block used in the walls

Product Name: JL143 Blocks

Category II: 440 x 142.5 x 140 mm Autoclaved aerated concrete masonry units

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

Dimensional Tolerances :

Category: GPLM
Flatness: NPD
Parallelism: NPD

Configuration: Solid

Compressive Strength: Mean 7.30 N/mm² [±bed face]

Dimensional Stability: Moisture movement: mean 0.40 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 5/15

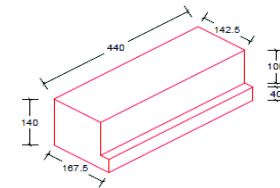
Direct airborne sound insulation: NPD

Gross density: 730kg/m³

Configuration: As Above

0.16 W/m.K[λ10,dry]

Dangerous Substances: See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

Version: 2



Declaration of Performance

Certificate Number: DOP/F/FP-Blocks/JL190

The undersigned, representing the following:

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

Confirms that:

BS EN 771-4:2011
JL190 Spacer Block used in the walls
Manufacturing Plant:Hams Hall

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Product Name: JL190 Blocks

Conforms to harmonised European Standard: BS EN 771-4:2011

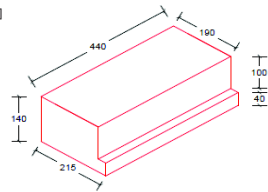
Category II: 440 x 190 x140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011
Regulation (EU) No. 305 / 2011

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

Dimensional Tolerances :

| | |
|--|--|
| Category: | GPLM |
| Flatness: | NPD |
| Parallelism: | NPD |
| Configuration: | Solid |
| Compressive Strength: | Mean 7.30 N/mm ² [-bed face] |
| Dimensional Stability: | Moisture movement: mean 0.40 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 5/15 |
| Direct airborne sound insulation: | |
| | Gross density: 730kg/m ³ |
| | Configuration: As Above |
| Thermal Conductivity: | 0.16 W/m.K[A10,dry] |
| Dangerous Substances: | See Note |



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture: *Matthew Clay* Full name: Matthew Clay

Position: Managing Director (Design Solutions) Date: 06 June 2017

Version: 2



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

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BS EN 771-4:2011

JL190 Spacer Block used in the walls

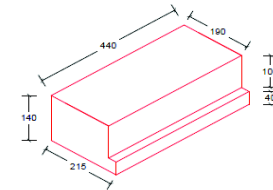
Product Name: JL190 Blocks

Category II: 440 x 190 x140 mm Autoclaved aerated concrete masonry units

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

Dimensional Tolerances :

| | |
|--|--|
| Category: | GPLM |
| Flatness: | NPD |
| Parallelism: | NPD |
| Configuration: | Solid |
| Compressive Strength: | Mean 7.30 N/mm ² [-bed face] |
| Dimensional Stability: | Moisture movement: mean 0.40 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 5/15 |
| Direct airborne sound insulation: | |
| | Gross density: 730kg/m ³ |
| | Configuration: As Above |
| Thermal Conductivity: | 0.16 W/m.K[A10,dry] |
| Dangerous Substances: | See Note |



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Version: 2



Declaration of Performance

Certificate Number: DOP/F/FP-Blocks/TS100N

The undersigned, representing the following:

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

Confirms that:

BS EN 771-4:2011

TS100N Spacer Block used in the walls
Manufacturing Plant:Hams Hall

13

Product Name: TS100N Blocks

Conforms to harmonised European Standard: BS EN 771-4:2011

Category II: 340 x 100 x 140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011
Regulation (EU) No. 305 / 2011

Dimensions : 340(mm) x 100(mm) x 140(mm)

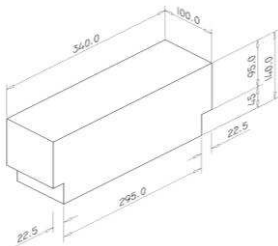
Dimensional Tolerances :

Category: GPLM
Flatness: NP
Parallelism: NP

Configuration: Solid
Compressive Strength: Mean 7.30 N/mm² [⊥-bed face]
Dimensional Stability: Moisture movement: mean 0.40 mm/m
Shear bond Strength: Fixed Value 0.15 N/mm²
Flexural bond Strength: NP
Reaction to fire: Euroclass A1
Water Absorption: NP
Water vapour diffusion coefficient: Fixed Value 5/15
Direct airborne sound insulation:

Gross density: 730kg/m³
Configuration: As Above

Thermal Conductivity: 0.16 W/m.K[λ10,dry]
Dangerous Substances: See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture: *Matthew Clay* Full name: Matthew Clay

Position: Managing Director (Design Solutions) Date: 06 June 2017

Version: 2



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

13

BS EN 771-4:2011

TSNH Spacer Block used in the walls

Product Name: TS100N Blocks

Category II: 340 x 100 x 140 mm Autoclaved aerated concrete masonry units

Dimensions : 340(mm) x 100(mm) x 140(mm)

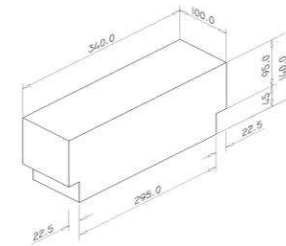
Dimensional Tolerances :

Category: GPLM
Flatness: NP
Parallelism: NP

Configuration: Solid
Compressive Strength: Mean 7.30 N/mm² [⊥-bed face]
Dimensional Stability: Moisture movement: mean 0.40 mm/m
Shear bond Strength: Fixed Value 0.15 N/mm²
Flexural bond Strength: NP
Reaction to fire: Euroclass A1
Water Absorption: NP
Water vapour diffusion coefficient: Fixed Value 5/15
Direct airborne sound insulation:

Gross density: 730kg/m³
Configuration: As Above

Thermal Conductivity: 0.16 W/m.K[λ10,dry]
Dangerous Substances: See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

Version: 2



Declaration of Performance

Certificate Number: DOP/F/FP-Blocks/TS100W

The undersigned, representing the following:

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

Confirms that:

BS EN 771-4:2011
TS100W Spacer Block used in the walls
Manufacturing Plant:Hams Hall

13

Product Name: TS100W Blocks

Conforms to harmonised European Standard: BS EN 771-4:2011

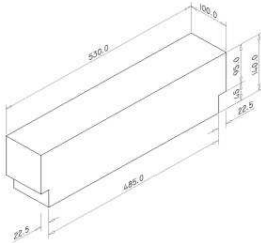
Category II: 530 x 100 x140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011
Regulation (EU) No. 305 / 2011

Dimensions : 530(mm) x 100(mm) x 140(mm)

Dimensional Tolerances :

| | |
|--|--|
| Category: | GPLM |
| Flatness: | NPD |
| Parallelism: | NPD |
| Configuration: | Solid |
| Compressive Strength: | Mean 7.30 N/mm ² [-bed face] |
| Dimensional Stability: | Moisture movement: mean 0.40 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 5/15 |
| Direct airborne sound insulation: | |
| | Gross density: 730kg/m ³ |
| | Configuration: As Above |
| Thermal Conductivity: | 0.16 W/m.K[λ10,dry] |
| Dangerous Substances: | See Note |



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture: *Matthew Clay* Full name: Matthew Clay

Position: Managing Director (Design Solutions) Date: 06 June 2017

Version: 2



Forterra Building Products Ltd
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Northampton
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BS EN 771-4:2011
TSN Spacer Block used in the walls

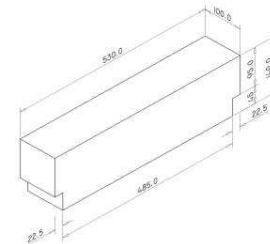
Product Name: TS100W Blocks

Category II: 530 x 100 x140 mm Autoclaved aerated concrete masonry units

Dimensions : 530(mm) x 100(mm) x 140(mm)

Dimensional Tolerances :

| | |
|--|--|
| Category: | GPLM |
| Flatness: | NPD |
| Parallelism: | NPD |
| Configuration: | Solid |
| Compressive Strength: | Mean 7.30 N/mm ² [-bed face] |
| Dimensional Stability: | Moisture movement: mean 0.40 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 5/15 |
| Direct airborne sound insulation: | |
| | Gross density: 730kg/m ³ |
| | Configuration: As Above |
| Thermal Conductivity: | 0.16 W/m.K[λ10,dry] |
| Dangerous Substances: | See Note |



Note information on Dangerous Substances will only be given when and where required in the appropriate form.



Declaration of Performance

Certificate Number: DOP/FP-Blocks/TS140N

The undersigned, representing the following:

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

Confirms that:

BS EN 771-4:2011
TS140N Spacer Block used in the walls
Manufacturing Plant:Hams Hall

13

Product Name: TS140N Blocks

Conforms to harmonised European Standard: BS EN 771-4:2011

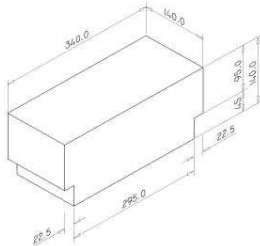
Category II: 340 x 140 x140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011
Regulation (EU) No. 305 / 2011

Dimensions : 340(mm) x 140(mm) x 140(mm)

Dimensional Tolerances :

| | |
|--|--|
| Category: | GPLM |
| Flatness: | NPD |
| Parallelism: | NPD |
| Configuration: | Solid |
| Compressive Strength: | Mean 7.30 N/mm ² [-bed face] |
| Dimensional Stability: | Moisture movement: mean 0.40 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 5/15 |
| Direct airborne sound insulation: | |
| Thermal Conductivity: | Gross density: 730kg/m ³ |
| Dangerous Substances: | Configuration: As Above 0.16 W/m.K[A10,dry] See Note |



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture: *Matthew Clay* Full name: Matthew Clay

Position: Managing Director (Design Solutions) Date: 06 June 2017

Version: 2



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

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BS EN 771-4:2011

TSH Spacer Block used in the walls

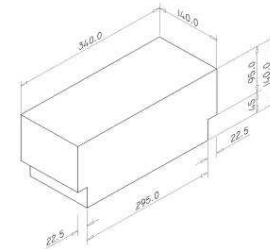
Product Name: TS140N Blocks

Category II: 340 x 140 x140 mm Autoclaved aerated concrete masonry units

Dimensions : 340(mm) x 140(mm) x 140(mm)

Dimensional Tolerances :

| | |
|--|--|
| Category: | GPLM |
| Flatness: | NPD |
| Parallelism: | NPD |
| Configuration: | Solid |
| Compressive Strength: | Mean 7.30 N/mm ² [-bed face] |
| Dimensional Stability: | Moisture movement: mean 0.40 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 5/15 |
| Direct airborne sound insulation: | |
| Thermal Conductivity: | Gross density: 730kg/m ³ |
| Dangerous Substances: | Configuration: As Above 0.16 W/m.K[A10,dry] See Note |



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

Version: 2



Declaration of Performance

Certificate Number: DOP/F/FP-Blocks/TS140W

The undersigned, representing the following:

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

Confirms that:

BS EN 771-4:2011
TS140W Spacer Block used in the walls
Manufacturing Plant:Hams Hall

13

Product Name: TS140W Blocks

Conforms to harmonised European Standard: BS EN 771-4:2011

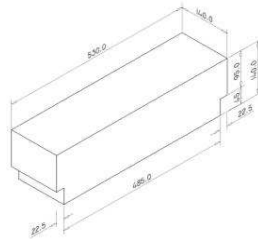
Category II: 530 x 140 x140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011
Regulation (EU) No. 305 / 2011

Dimensions : 530(mm) x 140(mm) x 140(mm)

Dimensional Tolerances :

| | | |
|--|---------------------|---|
| Configuration: | Category: | GPLM |
| Compressive Strength: | Flatness: | NPD |
| Dimensional Stability: | Parallelism: | NPD |
| Shear bond Strength: | | Solid |
| Flexural bond Strength: | | Mean 7.30 N/mm ² [-bed face] |
| Reaction to fire: | | mean 0.40 mm/m |
| Water Absorption: | | 0.15 N/mm ² |
| Water vapour diffusion coefficient: | | NPD |
| Direct airborne sound insulation: | | Euroclass A1 |
| | | NPD |
| | | 5/15 |
| | | 730kg/m ³ |
| | | As Above |
| | | 0.16 W/m.K[A10,dry] |
| | | See Note |



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture: *Matthew Clay* Full name: Matthew Clay

Position: Managing Director (Design Solutions) Date: 06 June 2017

Version: 2



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

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BS EN 771-4:2011

TS Spacer Block used in the walls

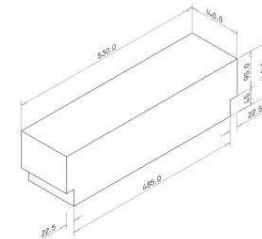
Product Name: TS140W Blocks

Category II: 530 x 140 x140 mm Autoclaved aerated concrete masonry units

Dimensions : 530(mm) x 140(mm) x 140(mm)

Dimensional Tolerances :

| | | |
|--|---------------------|---|
| Configuration: | Category: | GPLM |
| Compressive Strength: | Flatness: | NPD |
| Dimensional Stability: | Parallelism: | NPD |
| Shear bond Strength: | | Solid |
| Flexural bond Strength: | | Mean 7.30 N/mm ² [-bed face] |
| Reaction to fire: | | mean 0.40 mm/m |
| Water Absorption: | | 0.15 N/mm ² |
| Water vapour diffusion coefficient: | | NPD |
| Direct airborne sound insulation: | | Euroclass A1 |
| | | NPD |
| | | 5/15 |
| | | 730kg/m ³ |
| | | As Above |
| | | 0.16 W/m.K[A10,dry] |
| | | See Note |



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

Version: 2