UK CA

Forterra Building Products Limited
Trading as Bison Precast
5 Grange Park Court, Roman Way
Northampton, NN4 5EA

BS EN 15037-1:2008

21

PRESTRESSED / REINFORCED BEAMS (FOR FLOORS)

Prestressed / reinforced Beams

Essential Characteristics	**Performance**
Concrete Compressive Strength	C50/60 (N/mm²)
Wire Ultimate Tensile Strength	1770 (N/mm²))
Tensile 0.1% Proof stress	1470 (N/mm²))
For geometrical data, detailing, mechanical strength, acoustic insulation parameters and durability see design Specification	Design Drawings and Specification Related to Client Requirements
Reaction to Fire	Class A1
Dangerous Substances	NPD

See Also Declaration of Performance DOP/BP/HV-Beams

Declaration of Performance

DOP/BP/HV-Beams

FORTERRA

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.

1. Unique identification code of the product type

Type	Depth	Description
BT02	150	T beam (125 wide)
H6	150	T beam (150 wide)
RD09	150	T beam (215 wide)
T008	215	T beam (135 wide)

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): Prestressed / reinforced Beams (for floors)

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Construction of floors and roofs with infill blocks.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+**

1333-CPR-00197

6. Declared Performance

Essential Characteristics	**Performance**	**Harmonised Technical Specification**
Concrete Compressive Strength	C50/60 (N/mm²))	BS EN 15037-1:2008
Wire Ultimate Tensile Strength	1770 (N/mm²))	
Tensile 0.1% Proof stress	1470 (N/mm²))	
For geometrical data, detailing, mechanical strength, acoustic insulation parameters and durability see design Specification	Design Drawings and Specification Related to Client Requirements	
Reaction to Fire	Class A1	BS EN 13369 : 2023, Commission Decision 2000/605/EC
Dangerous Substances	NPD	BS EN 15037-1:2008

7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Dr John Cotton CEng MICE,
Engineering Manager

Date: 13th February 2024