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| Forterra Building Products Limited  Trading as Bison Precast  5 Grange Park Court, Roman Way  Northampton, NN4 5EA |
| BS EN 15037-1:2008 **13**  **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**

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 (150 wide) |
| RD09 | 150 | T beam (215 wide) |
| T008 | 215 | T beam (150 wide) |

1. 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)
2. 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.
3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited

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Northampton, NN4 5EA

1. 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**

1. 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 : 2013, Commission Decision 2000/605/EC |
| Dangerous Substances | NPD | BS EN 15037-1:2008 |

1. 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: 20th June 2018**