

Declaration of Performance

DoP No. 039

1. Unique identification code of product type: **Prestressed Beams**
2. Type, batch or serial number or any other element allowing identification of the construction product: **The batch number for the beams is stamped onto the beam.**
3. Intended use: **Beams for beam-and-block floor systems.**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer:-
Tarmac Building Products Limited, i10, Railway Drive, Wolverhampton, WV1 1LH
5. Authorised representative: **Not applicable**
6. Assessment and verification of constancy of performance: **System 2+**
7. In accordance with the harmonised standard EN 15037-1, the Notified Body - BSI. Id. No.0086 - has performed the Initial inspection of F.P.C. & Continuous Surveillance of the F.P.C. under system 2+ and issued a Certificate of conformity of the factory production control.
8. European Technical Assessment: **Not applicable**

9. Declared performance

Unique Identification Code	Type 3	Type 4	Type 5	Harmonised technical specification
Requirement	Performance			
Concrete:				EN 15037-1:2008
Compressive strength <i>f_{ck,cube}</i>	60N/mm ²	60N/mm ²	60N/mm ²	
Prestressing steel:				
Ultimate tensile strength <i>f_{pk}</i>	1770N/mm ²	1770N/mm ²	1770N/mm ²	
Tensile 0.1% proof stress <i>f_{p0.1k}</i>	1702N/mm ²	1702N/mm ²	1702N/mm ²	
Resistance to fire R	30 minutes	30 minutes	30 minutes	
Acoustic insulation	NPD	NPD	NPD	
Durability (exposure classes)	XC2, XC3/4	XC2, XC3/4	XC2, XC3/4	
Design specification	7220/001	7220/002	7220/003	

Table 1

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. 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:

Mr Paul Beswick – (Head of New Product Development)

A handwritten signature in black ink, appearing to read 'Paul Beswick', written in a cursive style.

2nd June 2014