

Declaration of Performance DoP No. 048

1. Unique identification code of product type: **See Table 1 below.**
2. Type, batch or serial number or any other element allowing identification of the construction product: **The date of production that can be used for traceability is printed either on the packs of bricks or on the delivery note**
3. Intended use: **In walls, columns and partitions**
4. Name, registered trade name or registered trademark and contact address of the manufacturer: **Tarmac Building Products, i10, Railway Drive, Wolverhampton, WV1 1LH**
5. Authorised representative: **Not applicable**
6. Assessment and verification of constancy of performance: **System 4**
7. In accordance with the harmonised standard **EN 771-3:2011 +A1 2015**
8. European Technical Assessment: **Not applicable**

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9. Table 1 Declared performance

Product/Unique Identification Code	22.5N Topcrete Bricks	10.4N Hemelite Bricks
Harmonised Technical Specification	EN 771-3:2011 + A1 2015	
Essential Requirement	Declared performance	
Dimensions (mm)	215 x (100, 140mm) x 65mm	215 x (100, 140mm) x 65mm
Dimensional tolerances		
Category	D1	D1
Flatness	NPD	NPD
Plane parallelism	NPD	NPD
Configuration to EN 1996-1-1	Group1	Group1
Compressive Strength N/mm ² (Cat II)	22.5	10.4
Dimensional stability (mm/m)	NPD	NPD
Reaction to fire	Euroclass A1	Euroclass A1
Shear bond strength N/mm ²	0.15	0.15
Flexural bond strength N/mm ²	NPD	NPD
Gross dry density kg/m ³	1950	1600
Water vapour diffusion coefficient	5/15	5/15
Water absorption g/m ² s	NPD - Not to be left exposed	NPD - Not to be left exposed
Thermal conductivity, W/mK (λ10, dry)	0.95	0.60
Durability Against Freeze-Thaw	NPD – Not to be left exposed	NPD – Not to be left exposed
Dangerous Substances	Information on dangerous substances will only be given when and where required and in the appropriate form. See Annex ZA.3 of EN 771-3	



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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 Tarmac Building Products:

Chris Mason
Manufacturing Management & Information Systems Manager