

## Declaration of Performance DoP No.10

1. Unique identification code of product type: **See Tables 1 to 4 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 blocks 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 Limited, i10 Railway Drive, Wolverhampton, WV1 1LH**
5. Authorised representative: **Not applicable**
6. Assessment and verification of constancy of performance: **System 4**
7. Declared performance – See Tables 1-3 below.

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**Table 1 - For foundation blocks please refer to Tarmac Building Products company literature for information on Sulfate class**

Unique Identification Code	HEMELITE STD 3.6	HEMELITE STD 7.3	HEMELITE STD 10.4	HEMELITE STD CELLULAR 3.6	HEMELITE PQ 3.6	HEMELITE PQ 7.3	HEMELITE PQ 10.4	HEMELITE ULTRALITE 3.6 (Standard & PQ)	HEMELITE ULTRALITE 7.3 (Standard & PQ)	HEMELITE FOUNDATION 7.3
Harmonised Technical Specification	EN 771-3:2011+A1:2015									
Essential Requirement	Declared performance									
Dimensions	As declared on delivery ticket									
Dimensional tolerances										
Category	D1	D1	D1	D1	D1	D1	D1	D1	D1	D1
Flatness	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Plane parallelism	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Compressive Strength N/mm <sup>2</sup> (Cat II)	3.6	7.3	10.4	3.6	3.6	7.3	10.4	3.6	7.3	7.3
Configuration to EN 1996-1-1	Group 1	Group 1	Group 1	100mm Group 1 >100mm Group 2	Group 1	Group 1	Group 1	Group 1	Group 1	Group 1
Moisture movement mm/m	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1
Shear bond strength N/mm <sup>2</sup> (tab value)	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Water absorption	Not to be left exposed									
Gross dry density kg/m <sup>3</sup>	1450	1450	1450	1450	1450	1450	1450	960	960	1450
Water vapour diffusion coefficient	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15
Thermal conductivity W/mK ( $\lambda_{10,dry}$ ) (P=50 %) (tabulated)	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.28	0.28	0.51
Durability against freeze/thaw	Not to be left exposed									

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**Table 2 - For foundation blocks please refer to Tarmac Building Products company literature for information on Sulfate class**

Unique Identification Code	TOPCRETE STD 7.3	TOPCRETE STD 10.4	TOPCRETE STD 17.5	TOPCRETE STD 22.5	TOPCRETE STD CELLULAR 3.6	TOPCRETE STD CELLULAR 7.3	TOPCRETE STD HOLLOW 3.6	TOPCRETE STD HOLLOW 7.3	TOPCRETE STD PQ 7.3
<b>Harmonised Technical Specification</b>	EN 771-3:2011+A1:2015								
<b>Essential Requirement</b>	Declared performance								
<b>Dimensions</b>	As declared on delivery ticket								
<b>Dimensional tolerances</b>									
Category	D1	D1	D1	D1	D1	D1	D1	D1	D1
Flatness	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Plane Parallelism	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
<b>Compressive Strength N/mm<sup>2</sup> (Cat II)</b>	7.3	10.4	17.5	22.5	3.6	7.3	3.6	7.3	7.3
<b>Configuration to EN 1996-1-1</b>	Group 1	Group 1	Group 1	Group 1	100mm Group 1 >100mm Group 2	100mm Group 1 >100mm Group 2	Group 2	Group 2	Group 1
<b>Moisture movement mm/m</b>	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
<b>Reaction to fire</b>	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1
<b>Shear bond strength N/mm<sup>2</sup> (tab value)</b>	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
<b>Water absorption</b>	Not to be left exposed								
<b>Gross dry density kg/m<sup>3</sup></b>	1950	1950	1950	1950	1950	1950	1950	1950	1950
<b>Water vapour diffusion coefficient</b>	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15
<b>Thermal conductivity W/mK (<math>\lambda_{10,dry}</math>) (P=50 %) (tabulated)</b>	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
<b>Durability against freeze/thaw</b>	Not to be left exposed								

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Table 3 – For foundation blocks please refer to tarmac Building Products company literature for information on Sulfate class

Unique Identification Code	TOPCRETE PQ 10.4	TOPCRETE PQ CELLULAR 3.6	TOPCRETE PQ CELLULAR 7.3	TOPCRETE PQ HOLLOW 3.6	TOPCRETE PQ HOLLOW 7.3	TOPCRETE RPW 7.3	TOPCRETE RPW 10.4	TOPCRETE FOUNDATION 7.3
Harmonised Technical Specification	EN 771-3:2011							
Essential Requirement	Declared performance							
Dimensions	As declared on delivery ticket							
<b>Dimensional tolerances</b>								
Category	D1	D1	D1	D1	D1	D1	D1	D1
Flatness	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Plane Parallelism	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Compressive Strength N/mm <sup>2</sup> (Cat II)	10.4	3.6	7.3	3.6	7.3	7.3	10.4	7.3
Configuration to EN 1996-1-1	Group 1	100mm Group 1 >100mm Group 2	100mm Group 1 >100mm Group 2	Group 2	Group 2	Group 1	Group 1	Group 1
Moisture movement mm/m	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1
Shear bond strength N/mm <sup>2</sup> (tab value)	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Water absorption	Not to be left exposed							
Gross dry density kg/m <sup>3</sup>	1950	1950	1950	1950	1950	1950	1950	1600
Water vapour diffusion coefficient	5/15	5/15	5/15	5/15	5/15	5/15	5/15	5/15
Thermal conductivity W/mK ( $\lambda_{10, dry}$ ) (P=50 %) (tabulated)	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.69
Durability against freeze/thaw	Not to be left exposed							

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



James Warwick  
Technical Manager