

Declaration of Performance

DoP No. 008-UK

1. Unique identification code of product type: **Autoclaved Aerated Concrete Blocks (see Tables 1 to 3 below).**
 2. Type, batch or serial number or any other element allowing identification of the construction product: **The batch number is used for traceability and is either stamped onto blocks within the pack or is available on the outside of the packaging.**
 3. Intended use:
Load bearing and non-load bearing applications in all forms of walling including single leaf, cavity, partitions, retaining and basements
 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. Where applicable, name and contact address of the authorised representative:
James Warwick – Technical Manager
 6. Assessment and verification of constancy of performance: **System 2+:** Durox Supabloc 8 products
System 4: All other products
 7. In accordance with the designated standard BS EN 771-4:2011+A1:2015, the Notified Body - BSI. Id. No.0086 - has performed the Initial inspection of factory and F.P.C. & Continuous Surveillance of the F.P.C. under system 2+ and issued a Certificate of conformity of the factory production control. Certificate number 0086-CPR-595681 for Supabloc 8 products.
- All other products in accordance with designated standard BS EN 771-4:2011+A1:2015 under AVCP System 4.

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8. Declared performance

Table 1

Unique Identification Code	Toplite GTI 2.9	Toplite Standard 3.6	Toplite 7 7.3	Toplite Foundation 3.6	Toplite Foundation 7.3	Toplite Floor 3.6	Toplite Coursing Bricks 2.9	Toplite Coursing Bricks 3.6	Toplite Coursing Bricks 7.3
Harmonised Technical Specification	EN 771-4:2011+A1:2015								
Essential Requirement	Declared performance								
Dimensions (declared)	As declared on delivery ticket								
Dimensional tolerances									
Category	GPLM	GPLM	GPLM	GPLM	GPLM	GPLM	GPLM	GPLM	GPLM
Flatness	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Plane parallelism:	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Compressive Strength N/mm ² (declared)	2.9	3.6	7.3	3.6	7.3	3.6	2.9	3.6	7.3
Configuration (declared)	Group 1 unit to EN 1996-1-1								
Nominal moisture movement mm/m (declared)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Reaction to fire (class)	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1
Shear bond strength N/mm ² (tabulated)	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Water absorption (declared)	Not to be left exposed								
Gross dry density kg/m ³ (declared)	460	630	730	630	730	630	460	630	730
Water vapour diffusion coefficient (tabulated)	5/10	5/10	5/10	5/10	5/10	5/10	5/10	5/10	5/10
Thermal conductivity W/mK ($\lambda_{10,dry}$) (P=50 %) (declared)	0.11	0.15	0.17	0.15	0.17	0.15	0.11	0.15	0.17
Durability against freeze/thaw (declared)	Not to be left exposed								

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Table 2

Unique Identification Code	Durox Supabloc	Durox Supabloc 4	Durox Supabloc 7	Durox Supabloc 8	Durox Foundation	Durox Foundation	Durox Floor	Durox Coursing Brick	Durox Coursing Brick	Durox Coursing Brick
Harmonised Technical Specification	EN 771-4:2011+A1:2015									
Essential Requirement	Declared performance									
Dimensions (declared)	As declared on delivery ticket									
Dimensional tolerances										
Category	GPLM	GPLM	GPLM	GPLM	GPLM	GPLM	GPLM	GPLM	GPLM	GPLM
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 ² (declared)	3.6	4.2	7.3	8.7	3.6	7.3	3.6	3.6	7.3	8.7
Configuration (declared)	Group 1 unit to EN 1996-1-1									
Nominal moisture movement mm/m (declared)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Reaction to fire (class)	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 ² (tabulated)	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Water absorption (declared)	Not to be left exposed									
Gross dry density kg/m ³ (declared)	460	630	680	720	460	680	460	460	680	720
Water vapour diffusion coefficient (tabulated)	5/10	5/10	5/10	5/10	5/10	5/10	5/10	5/10	5/10	5/10
Thermal conductivity W/mK ($\lambda_{10,dry}$) (P=50 %) (declared)	0.11	0.15	0.17	0.18	0.11	0.17	0.11	0.11	0.17	0.18
Durability against freeze/thaw (declared)	Not to be left exposed									

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Table 3

Unique Identification Code	Durox System 500 3.6	Durox System 600 4.2	Durox System 700 7.3	Durox Coursing Slips 3.6
Harmonised Technical Specification	EN 771-4:2011+A1:2015			
Essential Requirement	Declared performance			
Dimensions (declared)	As declared on delivery ticket			
Dimensional tolerances				
Category	TLMA	TLMA	TLMA	TLMA
Flatness	NPD	NPD	NPD	NPD
Plane parallelism:	NPD	NPD	NPD	NPD
Compressive Strength N/mm ² (declared)	3.6	4.2	7.3	3.6
Configuration (declared)	Group 1 unit to EN 1996-1-1			
Nominal moisture movement mm/m (declared)	0.7	0.7	0.7	0.7
Reaction to fire (class)	Euroclass A1	Euroclass A1	Euroclass A1	Euroclass A1
Shear bond strength N/mm ² (tabulated)	0.15	0.15	0.15	0.15
Water absorption (declared)	Not to be left exposed			
Gross dry density kg/m ³ (declared)	460	630	680	460
Water vapour diffusion coefficient (tabulated)	5/10	5/10	5/10	5/10
Thermal conductivity W/mK ($\lambda_{10,dry}$) (P=50 %) (declared)	0.11	0.15	0.17	0.11
Durability against freeze/thaw (declared)	Not to be left exposed			

Note - For blocks used below ground please refer to Tarmac Building Products company literature for information on Sulfate class.



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9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, as it has effect in the United Kingdom under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

A handwritten signature in black ink, appearing to be "D. J. O'Connell", written in a cursive style.

Technical Manager
Date: 24/05/2022