DECLARATION OF PERFORMANCE
UKCA 57

1. Product Type: **Dense Slip Block 225 beam**

2. Identification: **Product ID code is shown on delivery ticket**

3. Intended Use: **In walls, columns and partitions**

4. Manufacturer: **Thomas Armstrong (Holdings) Ltd Workington Rd, Flimby, Maryport, Cumbria. CA15 8RY**

5. Authorised Representative: **Not applicable**

6. AVCP: **System 4**

7. Designated Standard: **BS EN 771-3 : 2011**

8. ETA: **Not Relevant**

9. Declared Performance:

Essential Characteristics		Performance	Designated technical specification
Dimensions	Length, mm	380	BS EN 771-3 : 2011
	Width, mm	100	
	Height, mm	113	
Dimensional Tolerance		D1 (Flatness NPD, Plane Parallelism NPD)	
Configuaration	Shape & features	NPD	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength, N/mm^2	7.3 (⊥ bed face, whole unit) (Cat II)	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability	Moisture Movement, mm/m	0.6	
Bond strength	Shear bond strength, N/mm^2	0.15 with GPLM	
	Flexural bond strength	NPD	
Reaction to fire		A1 (Commission Decision 2000/605/EC)	
Water absorption, gm^2.s$^{-0.5}$		NPD	
Water vapour permeability		5/15 (tabulated value)	
Direct airbourne sound insulation	Gross density, kg/m^3	2000	
	Configuration; dimensions & tolerances	See configuration	
Thermal Conductivity, W/mK ($\lambda_{10,\,dry}$) ρ = 50%		1.05 Dry value - design values require correction for moisture content. See product literature.	
Durability against freeze / thaw		For use below and above ground level	
Dangerous substances		See Note	

Note: Information on Dangerous Substances will only be given when and where required in the appropriate form.
See Annex ZA of BS EN 771-3:2011

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

This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in ***4*** .

Signed on behalf of the manufacturer:
J Mason (Technical Manager)

J Mason

Brompton-on-Swale, North Yorkshire.
1st August 2021

UK CA

Thomas Armstrong (Holdings) Ltd Workington Rd, Flimby, Maryport, Cumbria. CA15 8RY

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UKCA 57

BS EN 771-3 : 2011

Dense Slip Block 225 beam

Category II aggregate concrete masonry unit

Dimensions	Length, mm	380
	Width, mm	100
	Height, mm	113
Dimensional Tolerance	Category	D1 (Flatness NPD, Plane Parallelism NPD)
Configuaration	Shape & features	NPD
	Group according to EN 1996-1-1 (EC6)	Group 1
Compressive strength	Mean compressive strength, N/mm^2	7.3 (⊥ bed face, whole unit) (Cat II)
	Direction of load	Perpendicular to bed faces
	Unit category	Category II
Dimensional stability	Moisture Movement, mm/m	0.6
Bond strength	Shear bond strength, N/mm^2	0.15 with GPLM
	Flexural bond strength	NPD
Reaction to fire		A1 (Commission Decision 2000/605/EC)
Water absorption, gm^2.s$^{-0.5}$		NPD
Water vapour permeability		5/15 (tabulated value)
Direct airbourne sound insulation	Gross density, kg/m^3	2000
	Configuration; dimensions & tolerances	See configuration
Thermal Conductivity, W/mK ($\lambda_{10,\,dry}$) ρ = 50%		1.05 Dry value - design values require correction for moisture content. See product literature.
Durability against freeze / thaw		For use below and above ground level
Dangerous substances		See Note

Note: Information on Dangerous Substances will only be given when and where required in the appropriate form.
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