

**DECLARATION OF PERFORMANCE
CE01**



1. Product Type: **Airtec XL Wall block**
 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 2+**
 7. Harmonised Standard: **EN 771-4 : 2011**
 8. ETA: **British Board of Agrément, PO Box 195, Bucknalls Lane, Garston, Watford. WD25 7NG (NB 0836)**
 9. Declared Performance:

Essential Characteristics		Performance	Harmonised technical specification
Dimensions	Length, mm	620	EN 771-4 : 2011
	Width, mm	Various - shown on the delivery documentation	
	Height, mm	215	
Dimensional Tolerance		TLMB (Flatness 1.0mm, Plane Parallelism 1.0mm)	
Configuration	Shape & features	NPD	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength, N/mm ²	2.9 (⊥ bed face, whole unit) (Cat I)	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category I	
Dimensional stability	Moisture Movement, mm/m	0.4	
Bond strength	Shear bond strength, N/mm ²	0.15 with GPLM 0.30 with TLM	
	Flexural bond strength	NPD	
Reaction to fire		A1 (Commission Decision 2000/605/EC)	
Water absorption, gm ² .s ^{-0.5}		NPD	
Water vapour permeability		5/10 (tabulated value)	
Direct airbourne sound insulation	Gross density, kg/m ³	460	
	Configuration; dimensions & tolerances	See configuration	
Thermal Conductivity, W/mK (A _{10, dry}) ρ = 50%		0.08 <small>Dry value - design values require correction for moisture content. See product literature.</small>	
Durability against freeze / thaw		For use 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 771-4:2011

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)
Brompton-on-Swale, North Yorkshire. 1st June 2013



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

13

CE01

EN 771-4 : 2011

Airtec XL Wall block

Category II autoclaved aerated concrete masonry unit

Dimensions	Length, mm	620
	Width, mm	Various - shown on the delivery documentation
	Height, mm	215
Dimensional Tolerance	Category	TLMB (Flatness 1.0mm, Plane Parallelism 1.0mm)
Configuration	Shape & features	NPD
	Group according to EN 1996-1-1 (EC6)	Group 1
Compressive strength	Mean compressive strength, N/mm ²	2.9 (⊥ bed face, whole unit) (Cat I)
	Direction of load	Perpendicular to bed faces
	Unit category	Category I
Dimensional stability	Moisture Movement, mm/m	0.4
Bond strength	Shear bond strength, N/mm ²	0.15 with GPLM 0.30 with TLM
	Flexural bond strength	NPD
Reaction to fire		A1 (Commission Decision 2000/605/EC)
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Water vapour permeability		5/10 (tabulated value)
Direct airbourne sound insulation	Gross density, kg/m ³	460
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Thermal Conductivity, W/mK (A _{10, dry}) ρ = 50%		0.08 <small>Dry value - design values require correction for moisture content. See product literature.</small>
Durability against freeze / thaw		For use 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 771-4:2011

See also Declaration of Performance CE01