

Declaration of Performance Certificate Number: SM0201

1. Product-type: 100 mm Dense Aggregate Concrete Masonry Unit – 7.3 N/mm²

2. Identification of the construction product: Category I – Aggregate Concrete Masonry Unit

3. Intended use/es of the construction product: Annex ZA - Masonry used in walls, columns, and partitions

4. Name, registered trade name or registered trade mark and contact address of the Manufacturer:

S Morris Ltd, Tout Quarry, Charlton Adam, Somerton, Somerset, TA11 7AN

5. System of assessment and verification of constancy of performance (AVCP)

System 2+

6. UK Designated Standard

EN771-3:2011+A1:2015 – Specification for masonry units – Aggregate concrete masonry units

7. UK Approved Body

BSI (Approved body No. 0086)

Kitemark Court, Davy Avenue, Knowhill, Milton Keynes, MK5 8PP

Certificate of factory production control: 0086 – CPR-597868

8. Declared Performance

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Length (mm)	440	EN 771-3:2011 +A1:2015
	Width (mm)	100	
	Height (mm)	215	
Dimensional Stability	Moisture movement, N/mm ²	0.30mm/m	
Dimensional Tolerances		Category D1	
Configuration	Shape & features	NPD	
	Group according to EN 1996-1	Group 1	
Compressive Strength	Mean compressive Strength	7.3 N/mm ²	
	Direction of Load	Perpendicular to bed face	
	Unit category	Category I	
Bond Strength	Shear bond strength	0.15 N/mm ²	
	Flexural bond strength	NPD	
Reaction to fire		Euro Class A1 (Commission decision 2000/605/EC)	
Water Absorption		20 g/m ² s	
Water Vapour permeability		30/100	
Direct Airborne Sound insulation	Gross density	1850 kg/m ³	
	Configuration, dimensions & Tolerance	Configuration as above	
Thermal Conductivity $\lambda_{10,dry}$ W/m.K p = 50%		1.00	
Durability against freeze thaw		For use below and above ground	

The performance of the product identified above is in conformity with the declared performance in point 8. The declaration of performance is issued in accordance with regulation (EU) No. 305/2011 as it has effect in the United Kingdom in respect of Great Britain, under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by;

Darren Radford, Technical Manager

8th July 2025





S Morris Ltd
 Tout Quarry, Charlton Adam,
 Somerton, Somerset, TA11 7AN

EN 771-3:2011+A1:2015
 100mm Dense 7.3N
 Category I – 440mm x 100mm x 215mm Aggregate Concrete Masonry Unit
 Annex ZA - Masonry used in walls, columns and partitions

Dimensions:	Length;	440mm
	Width;	100mm
	Height;	215mm
Dimensional Tolerance:	Category;	D1
	Configuration;	Group 1
Dimensional Stability:	Moisture movement;	0.30mm/m
Mean Compressive Strength:	Characteristic;	7.3 N/mm ² [\perp bed face]
Shear Bond:	Fixed Value;	0.15 N/mm ²
Flexural Bond:		NPD
Reaction to Fire		Euro class A1 (Commission decision 2000/605/EC)
Water Absorption:	Mean	20 g/m ² s
Water Vapour Diffusion:		30/100
Direct Airborne Sound Insulation:		Typical Gross Dry 1850 kg/m ³ (Configuration as above)
Thermal Conductivity [$\lambda_{10, dry, p = 50\%}$]		1.00 W/m.K
Durability against freeze/ thaw:		For use below and above ground
Dangerous substances:		See Note

Note: Information on Dangerous Substances will only be given out when and where required in the appropriate form. Refer to BS EN 771-3:2011, Annex ZA3.

Certificate number: **0086-CPR-597868**

Certification Body details: BSI, Kitemark Court, Davy Ave, Knowlhill, Milton Keynes, MK5 8PP

See also declaration of performance DOP SM201

Note: Information on dangerous substances will be given when and where required in the appropriate form.