

Declaration of Performance

ABG310707LWS7

Unique identification code of the product-type	HCB 7 inch LWS - 7MPa
Intended use(s)	Masonry in load bearing building and civil applications in walls, columns and partitions that are designed not to be left exposed. These products are intended for use as a construction product in accordance with the applicable harmonised technical standards and specification as foreseen by the manufacturer.
Manufacturer	Cementstone Manufacturing Company Ltd. C 7758 Attard Bros Group, "MikeSand", Industrial Zone, Ta' Qali, Malta ATD 4000
Authorised Representative	Andrew Vella
System of AVCP	System 2+
Harmonised Standard	EN771-3:2011+A1:2015
Notified Body	ABICert S.a.s. of Bianco Antonio & C. - NB 1982

Declared Performance

Essential Characteristics		Performance	
Configuration	Shape and Features		
	Group according to EN 1996-1-1 (EC6)	Group 2	
Dimensions	Length	450	[mm]
	Width	173	[mm]
	Height	255	[mm]
	Tolerance Category	D1	
Compressive Strength	Typical mean compressive strength	7	[N/mm ²]
	Unit Category	Category 1	
	Direction of load	Perpendicular to bed faces	
Bond Strength	Shear bond strength	0.15	[N/mm ²] (Fixed value)
	Flexural bond strength	NPD	
Direct airborne sound insulation (in end conditions) / [Density and configuration]	Typical Gross Dry Density	1100	[kg/m ³]
	Configuration, dimensions and tolerances	See configuration	
Water Absorption		Not to be left exposed	
Dimensional Stability		NPD	
Water Vapour Permability		5/15µ	(Tabulated Value)
Typical Thermal Resistance	Density and configuration	0.38	[m ² K/W] **
(for units intended to be used in elements subject to thermal insulation requirements)			
Durability against freeze / thaw		Not to be left exposed	
Dangerous substances		NPD	
Reaction to Fire		A1	(Commission Decision 2000/605/EC)

The performance of the product identified above is in conformity with the set of declared performance/s. This de-claration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above. Furthermore the above declared performance and characteristics of the masonry unit as identified in this DoP, are achieved after 28 calendar days from production date.

** Please refer to product's TDS for Thermal Conductivity value.

Signed for and on behalf of the manufacturer by:

Andrew Vella at Cementstone Manufacturing Company Ltd, Attard Bros Group, Ta' Qali

on [date of issue] 19 February 2026

[signature]



NB 1982

Cementstone Manufacturing Company Ltd. C 7758
Attard Bros Group, "MikeSand", Industrial Zone, Ta' Qali, Malta, ATD 4000

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EN 771-3:2011+A1:2015

Product:

HCB 7 inch LWS - 7MPa

Intended use(s):

Masonry in load bearing building and civil applications in walls, columns and partitions that are designed not to be left exposed.
These products are intended for use as a construction product in accordance with the applicable harmonised technical standards and specification as foreseen by the manufacturer.

Characteristics

Performance

Configuration:

Group 2

Dimensions:

L: **255** mm W: **173** mm H: **450** mm

Dimensional Tolerances:

D1

Typical Mean Compressive Strength:

7.0 N/mm²

Unit Category:

Category 1

Bond Strength:

0.15 N/mm² (fixed value)

Direction of load:

Perpendicular to bed faces

Typical Gross Dry Density:

1100 kg/m³

Water Absorption:

Not to be left exposed

Water Vapour Permeability:

5/15μ (tabulated value)

Durability:

Not to be left exposed

Reaction to Fire:

A1

For other information visit our website: www.attardmaterials.com