


## Declaration of Performance

N° ABG310907

<b>Unique identification code of the product-type:</b>	<b>HC B 9" SD 7 MPa</b>
<b>Intended use(s):</b>	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.
<b>Manufacturer:</b>	<b>Cementstone Manufacturing Company Ltd. C 7758</b> Attard Bros Group, "MikeSand", Industrial Zone, Ta' Qali, Malta ATD 4000
<b>Authorised Representative:</b>	Andrew Vella
<b>System of AVCP:</b>	System 2+
<b>Harmonised Standard:</b>	EN771-3:2011+A1:2015
<b>Notified Body:</b>	ABICert S.a.s. of Bianco Antonio & C. - NB 1982

### Declared Performance

Essential Characteristics		Performance
<b>Configuration</b>	Shape and Features	
	Group according to EN 1996-1-1 (EC6)	Group 2
<b>Dimensions</b>	Length	450 mm
	Width	220 mm
	Height	255 mm
	Tolerance Category	D1
<b>Compressive Strength</b>	Typical mean compressive strength	7 N/mm <sup>2</sup>
	Unit category	Category 1
	Direction of load	Perpendicular to bed faces
<b>Bond Strength</b>	Shear bond strength	0.15 N/mm <sup>2</sup> (Fixed value)
	Flexural bond strength	NPD
<b>Direct airborne sound insulation</b> (in end conditions) / [Density and configuration]	Typical Gross Dry Density	1243 kg/m <sup>3</sup>
	Configuration, dimensions and tolerances	See configuration
<b>Water Absorption</b>		Not to be left exposed
<b>Dimensional Stability</b>		NPD
<b>Water Vapour Permeability</b>		5/15 μ (Tabulated Value)
<b>Typical Thermal Resistance</b> / [Density and configuration] (for units intended to be used in elements subject to thermal insulation requirements)		0.27 m <sup>2</sup> K/W **
<b>Durability against freeze / thaw</b>		Not to be left exposed
<b>Dangerous substances</b>		NPD
<b>Reaction to Fire</b>		A1 (Commission Decision 2000/605/EC)

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

\*\* 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] 17th February 2025

[signature] .....



NB 1982

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

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ABG310907

**EN 771-3:2011+A1:2015**

**Product:**

HCB 9" SD 7 Mpa

**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: 450 mm

W: 220 mm

H: 255 mm

**Dimensional Tolerances:**

D1

**Typical Mean Compressive Strength:**

7.0 N/mm<sup>2</sup>

**Bond Strength:**

0.15 N/mm<sup>2</sup> (fixed value)

**Direction of load:**

Perpendicular to bed faces Category 1

**Typical Gross Dry Density**

1243 kg/m<sup>3</sup>

**Water Absorption:**

Not to be left exposed

**Moisture Movement:**

NPD

**Water Vapour Permability:**

5/15 (tabulated value)

**Durability**

Not to be left exposed

**Reaction to Fire:**

A1

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