

<b>Declaration of Performance</b>			
<b>ABG310707</b>			
<b>Unique identification code of the product-type</b>	<b>HCB 7 inch</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		
<b>Declared Performance</b>			
Essential Characteristics		Performance	
<b>Configuration</b>	Shape and Features		
	Group according to EN 1996-1-1 (EC6)	<b>Group 2</b>	
<b>Dimensions</b>	Length	<b>450</b>	[mm]
	Width	<b>173</b>	[mm]
	Height	<b>255</b>	[mm]
	Tolerance Category	<b>D1</b>	
<b>Compressive Strength</b>	Typical mean compressive strength	<b>6</b>	[N/mm <sup>2</sup> ]
	Unit Category	<b>Category 1</b>	
	Direction of load	<b>Perpendicular to bed faces</b>	
<b>Bond Strength</b>	Shear bond strength	<b>0.15</b>	[N/mm <sup>2</sup> ] (Fixed value)
	Flexural bond strength	<b>NPD</b>	
<b>Direct airborne sound insulation</b> <small>(in end conditions) / [Density and configuration]</small>	Typical Gross Dry Density	<b>1348</b>	[kg/m <sup>3</sup> ]
	Configuration, dimensions and tolerances	<b>See configuration</b>	
<b>Water Absorption</b>		<b>Not to be left exposed</b>	
<b>Dimensional Stability</b>		<b>NPD</b>	
<b>Water Vapour Permeability</b>		<b>5/15μ</b>	(Tabulated Value)
<b>Typical Thermal Resistance</b>	Density and configuration	<b>0.27</b>	[m <sup>2</sup> K/W] **
<small>(for units intended to be used in elements subject to thermal insulation requirements)</small>			
<b>Durability against freeze / thaw</b>		<b>Not to be left exposed</b>	
<b>Dangerous substances</b>		<b>NPD</b>	
<b>Reaction to Fire</b>		<b>A1</b>	(Commission Decision 2000/605/EC)
<p>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.</p> <p>** Please refer to product's TDS for Thermal Conductivity value.</p>			
Signed for and on behalf of the manufacturer by:			
<b>Andrew Vella at Cementstone Manufacturing Company Ltd, Attard Bros Group, Ta' Qali</b>			
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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**ABG310707**

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

<b>Product:</b>	<b>HCB 7 inch</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>Characteristics</b>	<b>Performance</b>
<b>Configuration:</b>	<b>Group 2</b>
<b>Dimensions:</b>	L: <b>255</b> mm      W: <b>173</b> mm      H: <b>450</b> mm
<b>Dimensional Tolerances:</b>	<b>D1</b>
<b>Typical Mean Compressive Strength:</b>	<b>6.0</b> N/mm <sup>2</sup>
<b>Unit Category:</b>	<b>Category 1</b>
<b>Bond Strength:</b>	<b>0.15</b> N/mm <sup>2</sup> (fixed value)
<b>Direction of load:</b>	<b>Perpendicular to bed faces</b>
<b>Typical Gross Dry Density:</b>	<b>1348</b> kg/m <sup>3</sup>
<b>Water Absorption:</b>	<b>Not to be left exposed</b>
<b>Water Vapour Permability:</b>	<b>5/15<math>\mu</math></b> (tabulated value)
<b>Durability:</b>	<b>Not to be left exposed</b>
<b>Reaction to Fire:</b>	<b>A1</b>

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