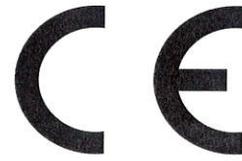




**Attard Bros**  
GROUP



1982

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

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

<b>Product Type:</b>	<b>ABG310707</b>
<b>DOP Code:</b>	DOP/ABG310707
<b>Product Commercial Name:</b>	HCB 7"
<b>Intended use(s):</b>	In masonry load bearing walls, foundations and as part of a cavity wall construction with other concrete block or stone.
<b>System of AVCP:</b>	System 2+; Category I

**Product Characteristics**

<b>Configuration:</b>	Hollow/ Group 2
<b>Dimensions:</b>	L: 450 mm    W: 173 mm    H: 255 mm
<b>Dimensional Tolerances:</b>	Category D1
<b>Mean Compressive Strength:</b>	6.0 N/mm <sup>2</sup>
<b>Normalised Mean Compressive Strength:</b>	7.3 N/mm <sup>2</sup>
<b>Bending Tensile Strength:</b>	NR N/mm <sup>2</sup>
<b>Shear Bond Strength:</b>	0.15 N/mm <sup>2</sup>
<b>Direction of load:</b>	Perpendicular to bed faces
<b>Gross Dry Density</b>	1300 -1400 kg/m <sup>3</sup>
<b>Net Dry Density</b>	1800 - 1900 kg/m <sup>3</sup>
<b>Water Absorption:</b>	NPD g/m <sup>2</sup>
<b>Moisture Movement:</b>	-0.6 to -0.1 mm/m
<b>Water Vapour Permability:</b>	5/15 μ
<b>Thermal Conductivity:</b>	0.82 - 0.90 W/mK (λ10,dry Mat)
<b>Reaction to Fire:</b>	Euro Class A1

For other information visit our website: [www.attardbros.com](http://www.attardbros.com)



## Declaration of Performance

DOP/ABG310707

<b>Product Type:</b>	<b>ABG310707</b>
<b>Product Commercial Name:</b>	HCB 7"
<b>Intended use(s):</b>	In masonry load bearing walls, foundations and as part of a cavity wall construction with other concrete block or stone.
<b>Manufacturer:</b>	<b>Cementstone Manufacturing Company Ltd</b> <b>C 7758</b> Attard Bros Group, "MikeSand", Industrial Zone, Ta' Qali, Malta ATD 4000
<b>Authorised Representative:</b>	George Tonna
<b>System of AVCP:</b>	System 2+; Category I
<b>Harmonised Standard:</b>	EN771-3:2011+A1:2015
<b>Notified Body:</b>	ABICert S.a.s. di Bianco Antonio & C. - ID: 1982

### Declared Performance

Characteristics	Performance	Harmonised Standard
<b>Configuration:</b>	Hollow/ Group 2	EN 1996-1-1
<b>Dimensions:</b>	L: 450 mm    W: 173 mm    H: 255 mm	EN 772-16
<b>Dimensional Tolerances:</b>	Category D1	EN 771-3
<b>Mean Compressive Strength:</b>	6 N/mm <sup>2</sup>	EN 772-1
<b>Normalised Mean Compressive Strength:</b>	7.3 N/mm <sup>2</sup>	EN 772-1
<b>Bending Tensile Strength:</b>	NR N/mm <sup>2</sup>	EN 772-6
<b>Shear Bond Strength:</b>	0.15 N/mm <sup>2</sup>	EN 998-2
<b>Gross Dry Density</b>	1300 -1400 kg/m <sup>3</sup>	EN 772-13
<b>Net Dry Density</b>	1800 - 1900 kg/m <sup>3</sup>	EN 772-13
<b>Water Absorption:</b>	NPD g/m <sup>2</sup>	EN 772-11
<b>Moisture Movement:</b>	-0.6 to -0.1 mm/m	EN 1996-1-1
<b>Water Vapour Permability:</b>	5/15 μ	EN 1745
<b>Thermal Conductivity:</b>	0.82 - 0.90 W/mK (λ10,dry Mat)	EN 1745
<b>Reaction to Fire:</b>	Euro Class A1	EN 13504-1

For Technical Documentation see Product Technical Datasheet TDS/ABG310707\_HCB 7"

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.

Signed for and on behalf of the manufacturer by:

**George Tonna at Cementstone Manufacturing Company Ltd, Attard Bros Group, Ta' Qali**

on [date of issue] .....

[signature] ..... 