



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

Product Type:	ABG310909
DOP Code:	DOP/ABG310909
Product Commercial Name:	HCB 9" Single
Intended use(s):	In masonry high load bearing walls, foundations, retaining walls and structures.
System of AVCP:	System 2+; Category I

Product Characteristics

Configuration:	Hollow/ Group 2
Dimensions:	L: 450 mm W: 220 mm H: 255 mm
Dimensional Tolerances:	Category D1
Mean Compressive Strength:	6.0 N/mm ²
Normalised Mean Compressive Strength:	7.3 N/mm ²
Bending Tensile Strength:	NR N/mm ²
Shear Bond Strength:	0.15 N/mm ²
Direction of load:	Perpendicular to bed faces
Gross Dry Density	2000 - 2200 kg/m ³
Net Dry Density	2000 - 2200 kg/m ³
Water Absorption:	NPD g/m ²
Moisture Movement:	-0.6 to -0.1 mm/m
Water Vapour Permability:	5/15 - 30/100 µ
Thermal Conductivity:	1.00 - 1.24 W/mK (λ10,dry Mat)
Reaction to Fire:	Euro Class A1

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



Declaration of Performance

DOP/ABG310909

Product Type:	ABG310909
Product Commercial Name:	HCB 9" Single
Intended use(s):	In masonry high load bearing walls, foundations, retaining walls and structures.
Manufacturer:	Cementstone Manufacturing Company Ltd C 7758 Attard Bros Group, "MikeSand", Industrial Zone, Ta' Qali, Malta ATD 4000
Authorised Representative:	George Tonna
System of AVCP:	System 2+; Category I
Harmonised Standard:	EN771-3:2011+A1:2015
Notified Body:	ABICert S.a.s. di Bianco Antonio & C. - ID: 1982

Declared Performance

Characteristics	Performance	Harmonised Standard
Configuration:	Hollow/ Group 2	EN 1996-1-1
Dimensions:	L: 450 mm W: 220 mm H: 255 mm	EN 772-16
Dimensional Tolerances:	Category D1	EN 771-3
Mean Compressive Strength:	6 N/mm ²	EN 772-1
Normalised Mean Compressive Strength:	7.3 N/mm ²	EN 772-1
Bending Tensile Strength:	NR N/mm ²	EN 772-6
Shear Bond Strength:	0.15 N/mm ²	EN 998-2
Gross Dry Density	2000 - 2200 kg/m ³	EN 772-13
Net Dry Density	2000 - 2200 kg/m ³	EN 772-13
Water Absorption:	NPD g/m ²	EN 772-11
Moisture Movement:	-0.6 to -0.1 mm/m	EN 1996-1-1
Water Vapour Permability:	5/15 - 30/100 µ	EN 1745
Thermal Conductivity:	1.00 - 1.24 W/mK (λ10,dry Mat)	EN 1745
Reaction to Fire:	Euro Class A1	EN 13504-1

For Technical Documentation see Product Technical Datasheet TDS/ABG310909_HCB 9" Single

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] 