



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:

ABG310809

DOP Code:

DOP/ABG310809

Product Commercial Name:

HCB 9" Double - 7 Mpa

Intended use(s):

In masonry high load bearing walls, foundations, retaining walls
and structures

System of AVCP:

System 2+: Category 1

Product Characteristics

Configuration:

Hollow / Group 2

Dimensions:

L: 450 mm W: 220 mm H: 255 mm

Dimensional Tolerances:

Category D1

Typical Mean Compressive Strength:

7.0 N/mm²

Typical Normalised Mean Compressive Strength:

8.4 N/mm²

Bending Tensile Strength:

NR N/mm²

Shear Bond Strength:

0.15 N/mm²

Direction of load:

Perpendicular to bed faces

Typical Gross Dry Density

1300 - 1400 kg/m³

Typical Net Dry Density

1700 - 1900 kg/m³

Typical Water Absorption:

5.88 g/m²

Moisture Movement:

-0.6 to -0.1 mm/m

Water Vapour Permeability:

5 / 15 μ

Typical Thermal Conductivity:

0.75 to 0.90 W/mK (λ10,dry Mat)

Reaction to Fire:

Euro Class A1

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



Declaration of Performance

Product Type:	ABG310809
Product Commercial Name:	HCB 9" Double - 7 Mpa
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 1
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
Typical Mean Compressive Strength:	7 N/mm ²	EN 772-1
Typical Normalised Mean Compressive Strength:	8.4 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
Typical Gross Dry Density	1300 - 1400 kg/m ³	EN 772-13
Typical Net Dry Density	1700 - 1900 kg/m ³	EN 772-13
Typical Water Absorption:	5.88 g/m ²	EN 772-11
Moisture Movement:	-0.6 to -0.1 mm/m	EN 1996-1-1
Water Vapour Permeability:	5 / 15 μ	EN 1745
Typical Thermal Conductivity:	0.75 to 0.90 W/mK (λ10, dry Mat)	EN 1745
Reaction to Fire:	Euro Class A1	EN 13504-1

For Technical Documentation see Product Technical Datasheet

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.

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] 04th August, 2022

[signature]