


Declaration of Performance

N° ABG311312D

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| Unique identification code of the product-type: | Double Core 12" |
| 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. |
| Manufacturer: | Cementstone Manufacturing Company Ltd. C 7758 Attard Bros Group, "MikeSand", Industrial Zone, Ta' Qali, Malta ATD 4000 |
| Authorised Representative: | Andrew Vella |
| System of AVCP: | System 2+ |
| Harmonised Standard: | EN771-3:2011+A1:2015 |
| Notified Body: | ABICert S.a.s. of Bianco Antonio & C. - NB 1982 |

Declared Performance

| Essential Characteristics | | Performance |
|--|--|---|
| Configuration | Shape and Features |  |
| | Group according to EN 1996-1-1 (EC6) | Group 2 |
| Dimensions | Length | 450 mm |
| | Width | 300 mm |
| | Height | 255 mm |
| | Tolerance Category | D1 |
| Compressive Strength | Typical mean compressive strength | 2 N/mm ² |
| | Direction of load | Perpendicular to bed faces |
| Bond Strength | Shear bond strength | 0.15 N/mm ² (Fixed value) |
| | Flexural bond strength | NPD |
| Direct airborne sound insulation (in end conditions) / [Density and configuration] | Typical Gross Dry Density | 800 kg/m ³ |
| | Configuration, dimensions and tolerances | See configuration |
| Water Absorption | | Not to be left exposed |
| Unit category | | Category 1 |
| Dimensional Stability | | NPD |
| Water Vapour Permability | | 5/15 μ (Tabulated Value) |
| Typical Thermal Resistance / [Density and configuration] (for units intended to be used in elements subject to thermal insulation requirements) | | 0.2905 m ² K/W ** |
| Durability against freeze / thaw | | Not to be left exposed |
| Dangerous substances | | NPD |
| Reaction to Fire | | 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. 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.

*** Please refer to product's TDS for Thermal Conductivity value. The thermal conductivity/resistance is calculated based on the condition that the frogs are infilled with concrete having a density of 2200kg/m³*

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] 06/09/2024

[signature]



NB 1982

Cementstone Manufacturing Company Ltd. C 7758

Attard Bros Group, "MikeSand", Industrial Zone, Ta' Qali, Malta, ATD 4000

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EN 771-3:2011+A1:2015

Product:

Double Core 12"

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: 300 mm H: 255 mm

Dimensional Tolerances:

D1

Typical Mean Compressive Strength:

2.0 N/mm²

Bond Strength:

0.15 N/mm² (fixed value)

Direction of load:

Perpendicular to bed faces Category 1

Typical Gross Dry Density

800 kg/m³

Water Absorption:

Not to be left exposed

Moisture Movement:

NPD

Water Vapour Permability:

5/15 μ (tabulated value)

Durability

Not to be left exposed

Reaction to Fire:

A1

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

