


Declaration of Performance

DOP Ref. No.: 202405-DOP-LightweightThermalNon-loadbearing7"

Unique identification code of the product-type: Lightweight Thermal Non-loadbearing 7"
 Intended use: In masonry walls, non load bearing columns and partitions
 Manufacturer: R.A. & Sons Manufacturing Ltd
 Triq il-Gruwa
 Xewkija, Gozo
 Malta
 Authorised representative: Not applicable
 Harmonised standard: EN 771-3:2011+A1:2015
 System of AVCP: AVCP System 4

Declared performance:

Essential characteristics		Performance
Dimensions (1)	Length (mm)	458
	Width (mm)	179
	Height (mm)	255
	Tolerance category	D2
Configuration (1)	Shape and features	
	Group according to EN 1996-1-1 (EC6)	Group 2
Compressive strength (1)	Mean compressive strength (N/mm ²)	5.00
	Direction of load	Perpendicular to bed faces (in height of HMB)
	Unit category	Category II
Net dry density	kg/m ³	1200 - 1400
Gross dry density	kg/m ³	800 - 900
Dimensional stability (1)		NPD
Bond strength (1)	Shear bond strength	NPD
	Flexural bond strength	NPD
Reaction to fire (2)		NPD
Water absorption (3)		NPD
Water vapour permeability (4)		NPD
Direct airborne sound insulation (5)		NPD
Thermal resistance U-value (W/m ² K)		0.553
Durability against freeze / thaw		NPD
Dangerous substances		NPD
(1) for units intended to be used in elements subject to structural requirements (2) for units intended to be used in element subject to fire requirements (3) for units intended to be used in damp proof courses or in external elements with exposed face (4) for units intended to be used in external elements (5) for units to be used in elements subject to acoustic requirements		

The performance of the product identified above is in conformity with the declared performance.

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:

Signature: A. Attard
 Aleandro Attard

Date: 26/08/2024

Location: R.A. & Sons Manufacturing Ltd
 Triq il-Gruwa
 Xewkija, Gozo
 Malta