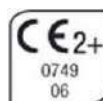


ACER FLAMMA

215 x 102,5 x 65



Declaration of Performance

Product Type
Intended Use of The Construction Product
Name of Manufacturer

Notified Body

DoP_BS900.1517_20200101

ACER FLAMMA
U-units for use in unprotected masonry walls, columns and partitions
SA Briqueteries de / Steenbakkerijen van **Ploegsteert** nv · Touquetstraat 228 · 7782 Ploegsteert
Division Barry · Grand Route 533 · 7534 Barry
BCCA (n° NB 0749) :
• the initial inspection of the manufacturing plant and of the factory production control
• performed the continuous surveillance, assessment and evaluation of the factory production control
• issued the certificate of conformity of the factory production control

Declared Performance	Harmonised technical specification : NBN EN 771-1 + A1:2015		
Dimensions	Length	mm	215
	Width	mm	102.5
	Height	mm	65
Dimensional tolerances			T1
Range			R2
Flatness of bed faces		%	1
Plane parallelism of bed faces			2
Configuration	Vertically perforated unit		Group 2
	Perforation	%	< 40
Gross dry density		kg/m³	1320-D2
Net dry density		kg/m³	2000-D1
Compressive strength	Mean Compression strength ⊥ perpendicular bed faces	N/mm²	≥ 40
	Shape factor/dimensions		0.8
	Normalized Compressive strength ⊥ perpendicular bed faces	N/mm²	34
	Category		I
Moisture movement		mm/m	NPD
Bond strength general and light weight mortar	Fixed values table EN998-2 ann C	N/mm²	NPD
Bond strength thin layer mortar	Fixed values table EN998-2 ann C	N/mm²	NPD
Active soluble salts content	Class		S2
Reaction to fire	Class		A1
Water absorption		%	≤12
Initial rate of water absorption	Class	kg/m².min	1.5 < IW ≤ 4.0
Thermal properties	λ _{10, dry, unit} (EN 1745 - 50/50 - F2)	W/m.K	0.44
Durability against freeze/thaw: freeze/thaw resistance			F2
Dangerous Substances			NPD
Water vapour permeability	Min and max value (EN1745, table 1)		05/10

The performance of the product identified is in conformity with the declared performance in table above. This declaration of performance is issued under the sole responsibility of the manufacturer, signed for and on behalf of the manufacturer by Mr. M. Busschaert, Commercial Director

Date 20200101

Additional National Technical Properties (BB/202/681/024-00-P/01)

FROST RESISTANCE freezing and thawing cycles	NBN B 27-009	Very resistant
Thermal Properties λ _{10, dry, unit} (90/90)	W/m.K	0.49
Efflorescence	NBN B 24-209	No efflorescence



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BS900.1517