

1. Product type: Facing brick, group Opale T1
2. Type, batch of construction product: **Fontenoy, Fumosa mystique, Fumosa rock, Fumosa rustica, Nomade rustica, Opale grana, Opale rustica**
3. Intended use of the construction product: HD units for use in unprotected masonry walls, columns and partitions.
4. Name of manufacturer: Briqueteries de **Ploegsteert SA** · Rue du Touquet 228 · 7782 Ploegsteert · Belgium
6. AVCP: System 2+
7. Notified body: BCCA (nr. NB 0749) :
  - Initial inspection of the manufacturing plant and of the factory production control;
  - Continuous surveillance, assessment and evaluation of the factory production control;
  - Issued the certificate of conformity of the factory production control.
9. Declared performances:

ESSENTIAL CHARACTERISTICS		REQUIREMENTS	
Dimensions	mm	Length	215
		Width	102.5
		Height	65
Dimensional tolerances			T1
Range			R2
Flatness of the bed faces	%		1
Plane parallelism of the bed faces			2
Configuration		Vertically perforated unit	group 2
	%	Perforation	≤ 40
Gross dry density	kg/m <sup>3</sup>		1350-D2
Net dry density	kg/m <sup>3</sup>		2000-D1
Compression strength	N/mm <sup>2</sup>	Mean compression strength ⊥ perpendicular bed faces	40
		Shape factor / dimensions	0.8
	N/mm <sup>2</sup>	Normalized compression strength ⊥ perpendicular bed faces	34
		Category	I
Moisture movement	mm/m		NPD
Bond strength	N/mm <sup>2</sup>	Fixed values table EN998-2 ann C	0,15 general purposes and light weight mortar / 0,30 thin layer mortar
Active soluble slats content		Category	S2
Reaction to fire		Category	A1
Water absorption	%		10
Initial rate of water absorption	kg/m <sup>2</sup> .min	Category	0.5 < IW ≤ 1.5
Thermal properties	W/m.K	λ <sub>10, dry, unit</sub>	0.44
		λ <sub>10, dry, unit</sub> (90/90)	0.49
Durability against freeze/thaw: freeze/thaw resistance			F2
Dangerous substances			NPD
Water vapour permeability		Min. and max. value (EN1745, Table 1)	05/10

HARMONISED TECHNICAL SPECIFICATION : NBN EN 771-1:2011

ADDITIONAL NATIONAL TECHNICAL PROPERTIES, ACCORDING TO THE BENOR CERTIFICATE BB/201/681/024-00-P/01		
Frost resistance: freezing and thawing cycles	NBN B 27-009	Very resistant
Efflorescence	NBN B 24-209	No efflorescence

Rules on security and protection:

Cutting with power tools may generate dust. This dust will contain silica of quartz particles which may constitute a health hazard. Persons undertaking works of this nature are advised to wear dust masks of class FFP3.



10. The performance of the product identified under 1 and 2 is in conformity with the declared performance under 9. This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in 4. Signed for and on behalf of the manufacturer by Karel Rommel, Commercial Director, at Ploegsteert, on July 1st, 2013.

