DECLARATION OF PERFORMANCE

DoP №: 181/17

XALKIS S.A.

Vasiliko Evias p.c. 34002



climablock $^{1}/_{2}$ 25

XALKIS
VAVOULIOTIS · GOUNARIS · MITAKIS
BRICKS & TILES INDUSTRY S.A.

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1. Unique identification code of the product type: 25X24X12,5
2. Intended use: Clay bricks for protected masonry, Category II, Low Density
3. Manufacturer : XALKIS S.A.
4. System or systems of assessment and verification of constancy of performance of the construction product : System 4
5. Harmonized products: EN 771-1:2011.
6. Declared performance:

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions (mm) (lengthxwidthxheight)	124X255X235	EN 771-1:2011
Dimensions and tolerances : Tolerance / Range Flatness of bed faces / Plane parallelism	 T1/R1 NPD	
Configuration	Unit as shown in Figure	
Compressive Strength (N/mm^2)[(⊥ to bed face)]	5	
Voids (%)	56	
Dimensional Stability	NPD	
Bond Strength	Fixed 0.15 N/mm^2	
Active soluble salt content:	NPD (S0)	
Reaction to fire:	A1	
Water absorption:	NPD	
Water vapour diffusion coefficient (μ) :	5/10	
Direct Airborne Sound Insulation Gross dry density Net dry density Configuration	 835 kg/m^3 1900 kg/m^3 as above	
Thermal conductivity (**λ**10 ,eq,dry, unit)	0.162 W/mK,	
Durability Against Freeze Thaw	NPD	
Dangerous substances:	NPD	

7. 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.

Signed on behalf of the manufacturer:

Gounaris Vasileios
CEO



Vasiliko Evia 30/7/18