

DECLARATION OF PERFORMANCE

DoP №: 124/18

XALKIS S.A.

Vasiliko Evias p.c. 34002



VAVOULIOTIS • GOUNARIS • MITAKIS
BRICKS & TILES INDUSTRY S.A.



K100(9X23X19)

Vassiliko Evia ,340 02 – Greece

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<https://xalkis-sa.com/en/new-home-en/>

1. Unique identification code of the product type: K100(9X23X19)
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)	232X87X189	EN 771-1:2011
Dimensions and tolerances :		
Tolerance / Range	T1/R1	
Flatness of bed faces / Plane parallelism	NPD	
Configuration	Unit as shown in Figure	
Compressive Strength (N/mm ²)[(⊥ to bed face)]	5	
Voids (%)	64	
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	671 kg/m ³	
Net dry density	1860 kg/m ³	
Configuration	as above	
Thermal conductivity (λ10 ,eq,dry, unit)	0.134 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

A handwritten signature in blue ink, appearing to read 'Gounaris Vasileios', is written over a faint, light blue grid background.

Vasiliko Evia 30/7/18