

## DECLARATION OF PERFORMANCE

**DoP №: 112/17**

XALKIS S.A.

Vasiliko Evias p.c. 34002



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



**15X20X32**

Vassiliko Evia ,340 02 – Greece  
Tel : 2221055080  
mail: info@xalkis-sa.com  
<https://xalkis-sa.com/en/new-home-en/>

1. Unique identification code of the product type: 15X20X32
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)	320x200x148	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 <sup>2</sup> )[( ⊥ to bed face)]	3	
Voids (%)	56	
Dimensional Stability	NPD	
Bond Strength	Fixed 0.15 N/mm <sup>2</sup>	
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	780 kg/m <sup>3</sup>	
Net dry density	1860 kg/m <sup>3</sup>	
Configuration	Configuration as above	
Thermal conductivity (λ <sub>10,eq,dry, unit</sub> )	0.141 W/m*K,	
Durability Against Freeze Thaw	NPD	
Dangerous substances:	NPD	

7. The performance of the product is in accordance with the specification above..

Signed on behalf of the manufacturer:

Gounaris Vasileios  
CEO

A handwritten signature in blue ink, appearing to read 'Gounaris Vasileios', written over a faint horizontal line.

Vasiliko Evia 30/7/18