



<p align="center"><b>DECLARATION OF PERFORMANCE</b></p> <p align="center"><b>DoP №: 109/17</b></p> <p align="center"><b>XALKIS S.A.</b></p> <p align="center">Vasiliko Evias p.c. 34002</p>		 <p><b>VAVOULIOTIS • GOUNARIS • MITAKIS</b></p> <p><b>BRICKS &amp; TILES INDUSTRY S.A.</b></p> <p>Vassiliko Evia ,340 02 – Greece</p> <p>Tel : 2221055080</p> <p>mail: info@xalkis-sa.com</p> <p><a href="https://xalkis-sa.com/en/new-home-en/">https://xalkis-sa.com/en/new-home-en/</a></p>
 <p align="center"><b>18X18X32</b></p>		

1. Unique identification code of the product type: 18X18X32
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)	327x181x177	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)]	3.5	
Voids (%)	59	
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	766 kg/m <sup>3</sup>	
Net dry density	1860 kg/m <sup>3</sup>	
Configuration	as above	
Thermal conductivity (λ10 ,eq,dry, unit)	0.168 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 rectangular background.

Vasiliko Evia 30/7/18