# DECLARATION OF PERFORMANCE

**DoP №: 105/17**

XALKIS S.A.

Vasiliko Evias p.c. 34002



**9X9X19**


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

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1. Unique identification code of the product type: 9X9X19
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) | 188x88x86 | EN 771-1:2011 |
| Dimensions and tolerances :<br>Tolerance / Range<br>Flatness of bed faces / Plane parallelism | <br>T1/R1<br>NPD | |
| Configuration | Unit as shown in Figure | |
| Compressive Strength (N/mm$^2$)[( ⊥ to bed face)] | 3 | |
| Voids (%) | 53 | |
| 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 :<br>Gross dry density<br>Net dry density<br>Configuration | <br>875 kg/m$^3$<br>1860 kg/m$^3$<br>as above | |
| Thermal conductivity (λ10 ,eq,dry, unit) | 0.141 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