

DECLARATION OF PERFORMANCE

DoP №: 115/18

XALKIS S.A.

Vasiliko Evias p.c. 34002



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



15X30X24

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: 15X30X24
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) | 235X295X146 | 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)] | 3 | |
| Voids (%) | 51 | |
| 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 | 928kg/m ³ | |
| Net dry density | 1860 kg/m ³ | |
| Configuration | as above | |
| Thermal conductivity (λ10 ,eq,dry, unit) | 0.159 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