

## Declaration of Performance

No: N90-25

Unique identification code of the product-type : No 90

Intended Use/es: Protected masonry structures

**Manufacturer: NORTHERN GREECE CERAMICS S.A.**  
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System/s AVCP : System 4

Harmonised standard: EN 771-1:2011+A1:2015

Declared performance/s:

| Essential characteristics                                        | Performance |                   | Harmonized technical specification |
|------------------------------------------------------------------|-------------|-------------------|------------------------------------|
| Length                                                           | 330         | mm                | EN 772-16                          |
| Width                                                            | 90          | mm                | EN 772-16                          |
| Height                                                           | 150         | mm                | EN 772-16                          |
| Dimensional tolerance                                            | T1          |                   | EN 771-1                           |
| Range category                                                   | R1          |                   | EN 771-1                           |
| Flatness of bed faces                                            | NPD         |                   | EN 771-1                           |
| Plane parallelism of bed faces                                   | NPD         |                   | EN 771-1                           |
| Gross Dry density                                                | 865         | kg/m <sup>3</sup> | EN 772-13                          |
| Net dry density                                                  | 1.900       | kg/m <sup>3</sup> | EN 772-13                          |
| Density tolerance                                                | D1:10       | %                 | EN 771-1                           |
| Mean compressive strength (perpendicular to bed face)            | ≥3,0        | N/mm <sup>2</sup> | EN 772-1                           |
| Category                                                         | II          |                   | EN 771-1                           |
| Bond strength<br>(Tabulated value according to EN 998-2 Annex C) | 0,15        | N/mm <sup>2</sup> | EN 998-2                           |
| Thermal conductivity - λeq                                       | NPD         |                   | EN 1745                            |
| Water vapour permeability μ                                      | 5/10        |                   | EN 1745                            |
| Durability against freeze/thaw                                   | F0          |                   | EN 771-1                           |
| Water absorption                                                 | NPD         |                   | EN 771-1                           |
| Active soluble salt content - category                           | S0          |                   | EN 771-1                           |
| Reaction to fire - Euroclass                                     | A1          |                   | EN 771-1                           |
| Dangerous substances                                             | NPD         |                   | EN 771-1                           |

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, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Ilias Tragazakis – Quality Control Supervisor

Nea Santa 11/04/2025

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