

# DECLARATION OF PERFORMANCE

DoP number: 22135063-A1W2223

Product name:

EW0109 Hvid Marmor BS DNF LESS

Identification code of product-type is DoP-number



Egernsund Wienerberger Production A/S  
Rørmoosevej 85 - 3200 Helsingør  
Denmark

Intended use in masonry walls, columns and partitions for:  
Assessment and verification of constancy of performance:  
Harmonised standard:  
Notified body/ies:

unprotected masonry  
System 2+  
EN 771-1:2011+A1:2015  
1073

## Declared performance/s of a U - masonry unit

| Dimensions and tolerances                       |                          |             | T2  | R1 |   |
|---|--------------------------|-------------|-----|----|---|
| Length:   | mm                       | 228         | ± 4 | 9  |   |
| Width:  | mm                       | 108         | ± 3 | 6  |   |
| Height:   | mm                       | 54          | ± 2 | 4  |   |
| Tolerance:                                      | category                 | T2          |     |    |   |
| Range:  | category                 | R1          |     |    |   |
| Flatness of bed faces:                          | mm                       | NPD         |     |    |   |
| Plane parallelism:                              | mm                       | NPD         |     |    |   |
| Configuration                                   |                          |             |     |    |   |
| Group of the unit:                              | -                        | 1           |     |    |   |
| Volume of all formed voids:                     | %                        | 13          |     |    |   |
| Volume of frogs:                                | %                        | NPD         |     |    | <i>actual configuration may vary slightly</i> |
| Density   |                          |             |     |    |   |
| Gross dry density:                              | kg/m <sup>3</sup>        | 1450        |     |    |   |
| Net dry density:                                | kg/m <sup>3</sup>        | NPD         |     |    |   |
| Tolerance:                                      | category / %             | D1 / 10     |     |    |   |
| Compressive strength for Category I product     |                          |             |     |    |   |
| Perpendicular to bedface:                       | N/mm <sup>2</sup>        | ≥24         |     |    |   |
| Perpendicular to header:                        | N/mm <sup>2</sup>        | NPD         |     |    |   |
| Perpendicular to header 2:                      | N/mm <sup>2</sup>        | NPD         |     |    |   |
| Bond strength:                                  | N/mm <sup>2</sup>        | NPD         |     |    |   |
| Thermal conductivity λ <sub>10,dry,unit</sub> : | W/(m·K)                  | NPD         |     |    | <i>Determination method EN 1745:2012: NPD</i> |
| Water vapour permeability:                      | -                        | μ = NPD     |     |    |   |
| Durability:                                     | category                 | F2          |     |    |   |
| Water absorption:                               | %                        | 19          |     |    |   |
| Initial rate of water absorption:               | kg/(m <sup>2</sup> ·min) | 2,400-4,400 |     |    |   |
| Active soluble salt content:                    | category                 | S2          |     |    |   |
| Moisture movement:                              | mm/m                     | NPD         |     |    |   |
| Reaction to fire:                               | class                    | A1          |     |    |   |
| Dangerous substances:                           | -                        | NPD         |     |    |   |

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:

2023-05-09

CEO

Henrik Dietrichsen

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