

# DECLARATION OF PERFORMANCE

DoP number: 1626-A3W1113

Product name:

65mm Grove Orange Multi Stock

Identification code of product-type is DoP-number



Wienerberger B.V.

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Netherlands

Intended use in masonry walls, columns and partitions for:

Assessment and verification of constancy of performance:

Harmonised standard:

Notified body/ies:

unprotected masonry

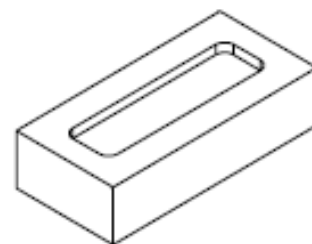
System 2+

EN 771-1:2011+A1:2015

0620

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

| Dimensions and tolerances   |          |      | T2  | R1 |
|-----------------------------|----------|------|-----|----|
| Length:                     | mm       | 214  | ± 4 | 9  |
| Width:                      | mm       | 103  | ± 3 | 6  |
| Height:                     | mm       | 65   | ± 2 | 5  |
| 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: | %        | NPD  |     |    |
| Volume of frogs:            | %        | ≤ 20 |     |    |



actual configuration may vary slightly

|                    |                   |         |  |  |
|--------------------|-------------------|---------|--|--|
| Density            |                   |         |  |  |
| Gross dry density: | kg/m <sup>3</sup> | 1850    |  |  |
| 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> | 20  |  |  |
| 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) | 0.51 |  | Determination method EN 1745:2012: S1 |
|---|---------|------|--|---------------------------------------|

|                            |   |            |  |   |
|----------------------------|---|------------|--|---|
| Water vapour permeability: | - | μ = 50/100 |  | Min. and max. tabulated values acc. EN 1745 |
|----------------------------|---|------------|--|---|

|             |          |    |  |  |
|-------------|----------|----|--|--|
| Durability: | category | F2 |  |  |
|-------------|----------|----|--|--|

|                   |   |    |  |  |
|-------------------|---|----|--|--|
| Water absorption: | % | 12 |  |  |
|-------------------|---|----|--|--|

|                                   |                          |     |  |  |
|-----------------------------------|--------------------------|-----|--|--|
| Initial rate of water absorption: | kg/(m <sup>2</sup> ·min) | 1-5 |  |  |
|-----------------------------------|--------------------------|-----|--|--|

|                              |          |    |  |  |
|------------------------------|----------|----|--|--|
| Active soluble salt content: | category | S2 |  |  |
|------------------------------|----------|----|--|--|

|                    |      |     |  |  |
|--------------------|------|-----|--|--|
| Moisture movement: | mm/m | NPD |  |  |
|--------------------|------|-----|--|--|

|                   |       |    |  |                           |
|-------------------|-------|----|--|---------------------------|
| Reaction to fire: | class | A1 |  | EU 96/603/EC, 2000/605/EC |
|-------------------|-------|----|--|---------------------------|

|                       |   |                 |  |  |
|-----------------------|---|-----------------|--|--|
| Dangerous substances: | - | Voldoet aan Bbk |  |  |
|-----------------------|---|-----------------|--|--|

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:

2021-04-26 CEO

B.J. Koekoek

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