# DECLARATION OF PERFORMANCE

**DoP number:** **12808600-B1W1280**

**Product name:**

WF 210 ARCES MOON GRIJS

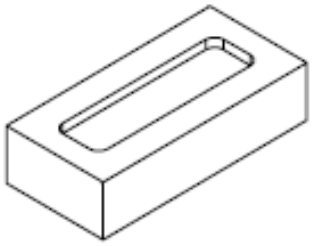
**Identification code of product-type is DoP-number**

**Wienerberger NV**
**Kapel ter Bede - 8500 Kortrijk**
**Belgium**

| | |
|---|---|
| **Intended use in masonry walls, colums and partitions for:** | **unprotected masonry** |
| **Assessment and verification of constancy of performance:** | **System 2+** |
| **Harmonised standard:** | **EN 771-1:2011+A1:2015** |
| **Notified body/ies:** | **0749** |

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

| **Dimensions and tolerances** | | | **T1** | **R1** |
|---|---|---|---|---|
| **Length:** | mm | **210** | **± 6** | **9** |
| **Width:** | mm | **100** | **± 4** | **6** |
| **Height:** | mm | **50** | **± 3** | **4** |
| **Tolerance:** | category | **T1** | | |
| **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/m³ | **1450** | |
| **Net dry density:** | kg/m³ | **1550** | |
| **Tolerance:** | category / % | **D1 / 10** | |
| **Compressive strength for Category I product** | | | |
| **Perpendicular to bedface:** | N/mm² | **12** | |
| **Perpendicular to header:** | N/mm² | **NPD** | |
| **Perpendicular to header 2:** | N/mm² | **NPD** | |
| **Bond strength:** | N/mm² | **NPD** | |
| **Thermal conductivity λ10,dry,unit:** | W/(m·K) | **0.69** | *Determination method EN 1745:2020: S1* |
| **Water vapour permeability:** | - | **μ = 5/10** | *Tabulated min. and max. value according EN 1745* |
| **Durability:** | category | **F2** | *According EN 772-22* |
| **Water absorption:** | % | **19** | *According EN 772-21* |
| **Initial rate of water absorption:** | kg/(m²·min) | **1-5** | *According EN 772-11* |
| **Active soluble salt content:** | category | **S2** | *According EN 772-5* |
| **Moisture movement:** | mm/m | **NPD** | |
| **Reaction to fire:** | class | **A1** | *EN 13501-1* |
| **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:**

2020-01-14 CEO Caroline Van De Velde

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