DECLARATION OF PERFORMANCE

DoP number: **12708470-B1W1270**

Product name:

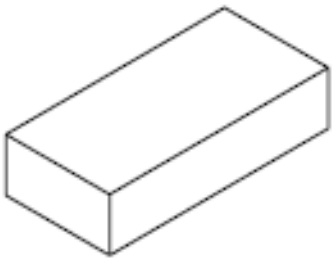
WF 210 ARCES CANDY ROOD

Identification code of product-type is DoP-number

Wienerberger NV
Kapel ter Bede 121 - 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	**1650**			
Net dry density:	kg/m³	**1750**			
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)	**0,690**			*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:	%	**14**			*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:

2018-08-27 CEO Caroline Van De Velde

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