DECLARATION OF PERFORMANCE

DoP number: **12463230-B1W1245**

Product name:

AVOLTO JADO RED

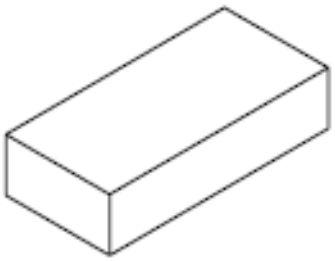
Identification code of product-type is DoP-number

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	**215**	**± 6**	**9**
Width:	mm	**65**	**± 3**	**5**
Height:	mm	**65**	**± 3**	**5**
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:	%	**NPD**		



actual configuration may vary slightly

Density			
Gross dry density:	kg/m³	**1650**	
Net dry density:	kg/m³	**1700**	
Tolerance:	category / %	**D1 / 10**	
Compressive strength for Category I product			
Perpendicular to bedface:	N/mm²	**25**	
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)	**3-8**	*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:

2021-01-25 CEO Caroline Van De Velde

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