

# DECLARATION OF PERFORMANCE

DoP number: 151861-B1W1210

Product name:

M50 AGORA SUPERWIT

Identification code of product-type is DoP-number



Wienerberger NV

Kapel ter Bede 121 - 8500 Kortrijk

Belgium

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

0749

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

Dimensions and tolerances			T1	R1	
Length:	mm	188	± 5	8	
Width:	mm	88	± 4	6	
Height:	mm	48	± 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			<i>actual configuration may vary slightly</i>
Density					
Gross dry density:	kg/m <sup>3</sup>	1700			
Net dry density:	kg/m <sup>3</sup>	1950			
Tolerance:	category / %	D1 / 10			
Compressive strength for Category I product					
Perpendicular to bedface:	N/mm <sup>2</sup>	25			
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)	0,690			<i>Determination method EN 1745:2012: S1</i>
Water vapour permeability:	-	μ = 5/10			<i>Tabulated min. and max. value according EN 1745</i>
Durability:	category	F2			<i>According EN 772-22</i>
Water absorption:	%	12			<i>According EN 772-21</i>
Initial rate of water absorption:	kg/(m <sup>2</sup> ·min)	0,300-2			<i>According EN 772-11</i>
Active soluble salt content:	category	S2			<i>According EN 772-5</i>
Moisture movement:	mm/m	NPD			
Reaction to fire:	class	A1			<i>EN 13501-1</i>
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:

2024-07-04 CEO Caroline Van De Velde

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