

# DECLARATION OF PERFORMANCE

DoP number: 12718260-B1W1270

Product name:

M50 RETRO PASTORIE

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			Tm	Rm	
Length:	mm	188	± 15	30	
Width:	mm	88	± 10	20	
Height:	mm	48	± 5	10	
Tolerance:	category		Tm		
Range:	category		Rm		
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>		1900		
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>		12		
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:	%		10		<i>According EN 772-21</i>
Initial rate of water absorption:	kg/(m <sup>2</sup> ·min)		1-5		<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:

2018-07-01 CEO Caroline Van De Velde

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