

# DECLARATION OF PERFORMANCE

DoP number: 12462930-B1W1245

Product name:

AVOLTO MURIA YELLOW

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

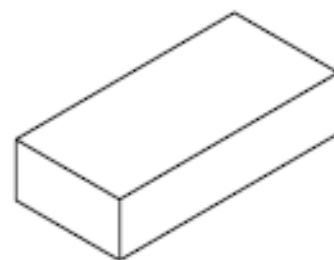
System 2+

EN 771-1:2011+A1:2015

0749

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

Dimensions and tolerances			T1	R1
Length:	mm	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/m <sup>3</sup>	1550		
Net dry density:	kg/m <sup>3</sup>	1600		
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 $\lambda_{10}$ ,dry,unit:	W/(m·K)	0,690		Determination method EN 1745:2020: S1
Water vapour permeability:	-	$\mu = 5/10$		Tabulated min. and max. value according EN 1745
Durability:	category	F2		According EN 772-22
Water absorption:	%	17		According EN 772-21
Initial rate of water absorption:	kg/(m <sup>2</sup> ·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:

2021-01-25 CEO Caroline Van De Velde

Wienerberger NV  
Kapel ter Bede 121 - 8500 Kortrijk  
Belgium