

# DECLARATION OF PERFORMANCE

DoP number: 12472420-B1W1245

Product name:

MARONO BRAISED EXTRA ECO BRICK

Identification code of product-type is DoP-number



# Wienerberger

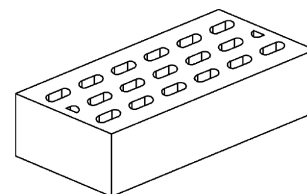
Wienerberger NV  
Kapel ter Bede - 8500 Kortrijk  
Belgium

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			T2	R2
Length:	mm	288	± 4	5
Width:	mm	65	± 2	2
Height:	mm	48	± 2	2
Tolerance:	category	T2		
Range:	category	R2		
Flatness of bed faces:	mm	NPD		
Plane parallelism:	mm	NPD		
Configuration				
Group of the unit:	-	1		
Volume of all formed voids:	%	0		
Volume of frogs:	%	NPD		
Density				
Gross dry density:	kg/m <sup>3</sup>	1450		
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 $\lambda_{10}$ ,dry,unit:	W/(m·K)	0.69		
Water vapour permeability:	-	$\mu = 5/10$		
Durability:	category	F2		
Water absorption:	%	11		
Initial rate of water absorption:	kg/(m <sup>2</sup> ·min)	1-5		
Active soluble salt content:	category	S2		
Moisture movement:	mm/m	NPD		
Reaction to fire:	class	A1		
Dangerous substances:	-	NPD		



actual configuration may vary slightly

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

Wienerberger NV  
Kapel ter Bede - 8500 Kortrijk  
Belgium