

# DECLARATION OF PERFORMANCE

DoP number: 12150109-B1W1210

Product name:

510X100X40 WSS SPECIAL SABLE

Identification code of product-type is DoP-number



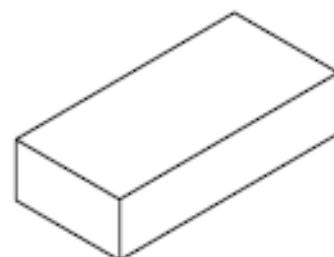
Wienerberger NV  
Kapel ter Bede 121 - 8500 Kortrijk  
Belgium

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	510	± 15	30
Width:	mm	100	± 15	30
Height:	mm	40	± 15	30
Tolerance:	category	Tm		
Range:	category	Rm		
Flatness of bed faces:	mm	NPD		
Plane parallelism:	mm	NPD		
<b>Configuration</b>				
Group of the unit:	-	1		
Volume of all formed voids:	%	NPD		
Volume of frogs:	%	NPD		
<b>Density</b>				
Gross dry density:	kg/m <sup>3</sup>	1900		
Net dry density:	kg/m <sup>3</sup>	2100		
Tolerance:	category / %	D1 / 10		
<b>Compressive strength for Category I product</b>				
Perpendicular to bedface:	N/mm <sup>2</sup>	15		
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 1745:2020: 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)	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		



*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

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