

DECLARATION OF PERFORMANCE

DoP number: 122900-A3W1124

Product name:

Optima WS WF

Identification code of product-type is DoP-number



Wienerberger B.V.

Hogeweg 95 - 5301 LK Zaltbommel

Netherlands

Intended use in masonry walls, columns and partitions for:

Assessment and verification of constancy of performance:

Harmonised standard:

Notified body/ies:

unprotected masonry

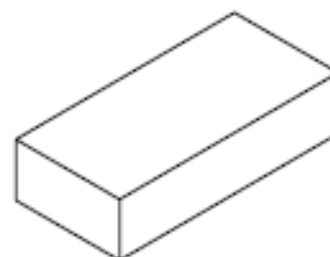
System 2+

EN 771-1:2011+A1:2015

0957

Declared performance/s of a U - masonry unit

Dimensions and tolerances			T1	Rm
Length:	mm	210	± 6	20
Width:	mm	100	± 4	10
Height:	mm	51	± 3	10
Tolerance:	category	T1		
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:	%	≤NPD		



actual configuration may vary slightly

Density				
Gross dry density:	kg/m ³	1600		
Net dry density:	kg/m ³	NPD		
Tolerance:	category / %	D1 / 10		

Compressive strength for Category I product

Perpendicular to bedface:	N/mm ²	20		
Perpendicular to header:	N/mm ²	NPD		
Perpendicular to header 2:	N/mm ²	NPD		

Bond strength:	N/mm ²	NPD		
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Thermal conductivity λ _{10,dry,unit} :	W/(m·K)	0.41		Determination method EN 1745:2012: S1
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Water vapour permeability:	-	μ = 5/10		
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Durability:	category	F2		
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Water absorption:	%	15		
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Initial rate of water absorption:	kg/(m ² ·min)	1-5		
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Active soluble salt content:	category	S2		
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Moisture movement:	mm/m	NPD		
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Reaction to fire:	class	A1		
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Dangerous substances:	-	Voldoet aan Bbk		
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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:

2018-08-03 CEO

B.J. Koekoek

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