

DECLARATION OF PERFORMANCE

DoP number: 19000-A1W1125

Product name:

Polaris HV WF

Identification code of product-type is DoP-number



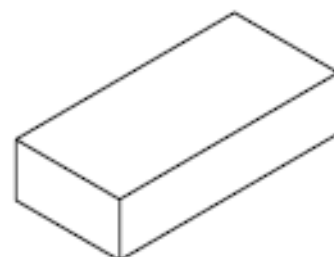
Wienerberger B.V.
Hogeweg 95 - 5301 LK Zaltbommel
Netherlands

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			T2	R1	
Length:	mm	212	± 4	9	
Width:	mm	100	± 3	6	
Height:	mm	51	± 2	4	
Tolerance:	category	T2			
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			
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			
Thermal conductivity λ _{10,dry,unit} :	W/(m·K)	0.41			Determination method EN 1745:2012: S1
Water vapour permeability:	-	μ = 5/10			Tabulated value acc. EN 1745
Durability:	category	F2			
Water absorption:	%	20			EN 772-21
Initial rate of water absorption:	kg/(m ² ·min)	1-5			EN 772-11
Active soluble salt content:	category	S2			EN 772-5
Moisture movement:	mm/m	NPD			
Reaction to fire:	class	A1			EU 96/603/EC
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:

2019-07-02 CEO

B.J. Koekoek

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