

# DECLARATION OF PERFORMANCE

DoP number: 34489250R003W1344

Product name:

KIR 93/19 NF Alani voll MW

Identification code of product-type is DoP-number



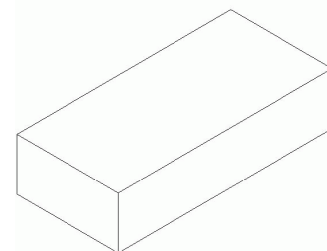
Wienerberger GmbH  
Oldenburger Allee 26 - 30659 Hannover  
Germany

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  
2510

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

Dimensions and tolerances			T1	R1	
Length:	mm	240	± 6	9	
Width:	mm	115	± 4	6	
Height:	mm	71	± 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:	%	0			
Volume of frogs:	%	NPD			
Density					
Gross dry density:	kg/m <sup>3</sup>	1850			
Net dry density:	kg/m <sup>3</sup>	NPD			
Tolerance:	category / %	D1 / 10			
Compressive strength for Category I product					
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>	0,15			
Thermal conductivity λ <sub>10,dry,unit</sub> :	W/(m·K)	NPD			Determination method EN 1745:2012: NPD
Water vapour permeability:	-	μ = 5/10			
Durability:	category	F2			
Water absorption:	%	10			
Initial rate of water absorption:	kg/(m <sup>2</sup> ·min)	NPD			
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:

2020-07-23 CEO Jürgen Habenbacher

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