

DECLARATION OF PERFORMANCE

DoP number: 24331040-A1W2433

Product name:

Blue Engineer Perforated

Identification code of product-type is DoP-number



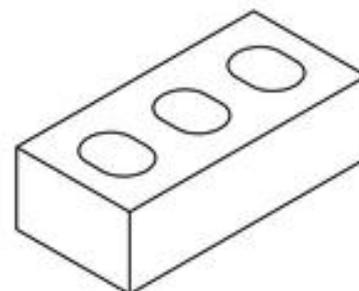
Wienerberger Ltd
Brooks Drive - SK8 3SA Cheadle
United Kingdom

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
1855

Declared performance/s of a U - masonry unit

Dimensions and tolerances			T2	R1	
Length:	mm	215	± 4	9	
Width:	mm	102.5	± 3	6	
Height:	mm	65	± 2	5	
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:	%	≤25			
Volume of frogs:	%	NPD			
Density					
Gross dry density:	kg/m³	1800			
Net dry density:	kg/m³	2350			
Tolerance:	category / %	D1 / 10			
Compressive strength for Category I product					
Perpendicular to bedface:	N/mm²	≥75			
Perpendicular to header:	N/mm²	NPD			
Perpendicular to header 2:	N/mm²	NPD			
Bond strength:	N/mm²	NPD			Tabulated value according to EN 998-2 (ANNEX C)
Thermal conductivity λ10,dry,unit:	W/(m·K)	0.84			Determination method EN 1745:2020: S1
Water vapour permeability:	-	μ = 50/100			Tabulated value according to EN 1745
Durability:	category	F2			Suitable for exposed locations
Water absorption:	%	7			Maximum Value according to EN 772-7
Initial rate of water absorption:	kg/(m²·min)	0-0.5			Maximum Value
Active soluble salt content:	category	S2			Suitable for exposed locations
Moisture movement:	mm/m	NPD			
Reaction to fire:	class	A1			Commission Decision 96/63/EC as amended by the Cor
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:



2018-05-25 CEO Harald Schwarzmayr

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Supplementary national information:

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Typical Pack Weight	KG	1000
Pack Quantity	EACH	400
Pack Dimensions	MM	870x870x820
CICS Shield Mark License - BS EN 771-1		
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