

# DECLARATION OF PERFORMANCE

DoP number: 24337020-A1W2433

Product name:

Blue Engineer Perforated 73mm

Identification code of product-type is DoP-number



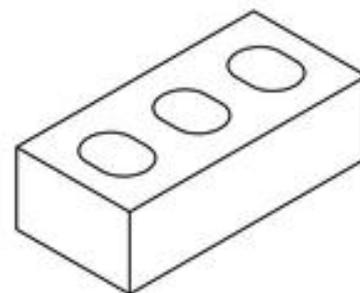
Wienerberger Ltd  
Brooks Drive - SK8 3SA Cheadle  
United Kingdom

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	73	± 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/m <sup>3</sup>	1800			
Net dry density:	kg/m <sup>3</sup>	2350			
Tolerance:	category / %	D1 / 10			
Compressive strength for Category I product					
Perpendicular to bedface:	N/mm <sup>2</sup>	75			
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			Tabulated value according to EN 998-2 (ANNEX C)
Thermal conductivity λ <sub>10,dry,unit</sub> :	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/(m <sup>2</sup> ·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:

2018-05-24 CEO Harald Schwarzmayr

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# Supplementary national information:

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Typical Pack Weight	KG	1030.4
Pack Quantity	EACH	368
Pack Dimensions	MM	880x885x820
CICS Shield Mark License - BS EN 771-1		
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