

# Declaration of performance

DoP number: 24337020-A1W2433

Product name:

Blue Engineer Perforated 73mm

(1) Identification code of product-type is DoP-number

(2) Reference number: 24337020-A1W2433

(4)

Wienerberger Ltd  
Brooks Drive - SK8 3SA Cheadle

(3) Intended use(s) in masonry walls, columns and partitions for:

unprotected masonry

(6) Assessment and verification of constancy of performance:

System 2+

(7) Notified Body:

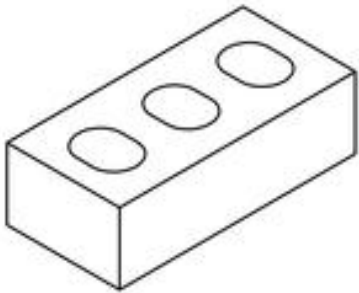
1855

Performed:

(i) initial inspection of the manufacturing plant and of factory production control

(ii) continuous surveillance, assessment and evaluation of factory production control and issued certificate number 1855-CPD-24619

## (9) Declared performance:

Type of unit:		HD -masonry unit			 <p>actual configuration may vary slightly</p>
Dimensions and tolerances			Tm	Rm	
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					
Category:	-	I			
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)
Thermal conductivity λ <sub>10</sub> , dry, unit:	W/(m·K)	0.84			Determination method EN 1745:2012: 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
Dangerous substances:	-	NPD			

EN 771-1:2011

(10) The performance of the product is in accordance with the specification above.

Signed on behalf of the manufacturer:

CEO

2013-06-01 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

