

# Declaration of performance

DoP number: 24331040-A1W2433

Product name:

Blue Engineer Perforated

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

(2) Reference number: 24331040-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

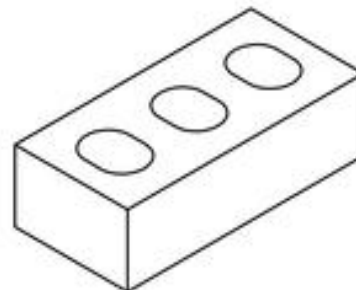
(ii) continuous surveillance, assessment and evaluation of factory production control and issued certificate number 1855-CPD-24619

## (9) Declared performance:

Type of unit: HD -masonry unit

### Dimensions and tolerances

			Tm	Rm
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		



actual configuration may vary slightly

### 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		
--	---	-----	--	--

(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

Wienerberger Ltd  
Brooks Drive - SK8 3SA Cheadle

EN 771-1:2011

## Supplementary national information:

DoP number: 24331040-A1W2433

Product name:

Blue Engineer Perforated

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

(2) Reference number: 24331040-A1W2433

(4)

Wienerberger Ltd  
Brooks Drive - SK8 3SA Cheadle

Typical Pack Weight	KG	1000
Pack Quantity	EACH	400
Pack Dimensions	MM	870x870x820

CICS Shield Mark License - BS EN 771-1

