

Declaration of performance

DoP number: 24220740-A1W2422

Product name:

Sienna Red

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

(2) Reference number: 24220740-A1W2422

(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

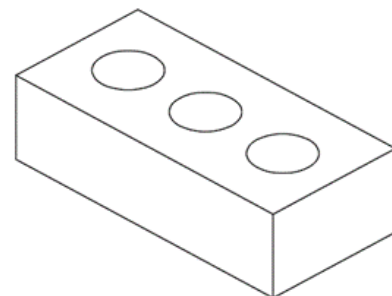
Performed:

(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-24695

(9) Declared performance:

Type of unit:		HD -masonry unit		
Dimensions and tolerances			Tm	Rm
Length:	mm	215	± 4	9
Width:	mm	102	± 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:	%	28		
Volume of frogs:	%	NPD		
Density				
Gross dry density:	kg/m ³	1550		
Net dry density:	kg/m ³	2150		
Tolerance:	category / %	D1 / 10		
Compressive strength				
Category:	-	II		
Perpendicular to bedface:	N/mm ²	60		
Perpendicular to header:	N/mm ²	NPD		
Perpendicular to header 2:	N/mm ²	NPD		
Bond strength:	N/mm ²	"0,15"		Tabulated value according to EN 998-2 (ANNEX
Thermal conductivity λ ₁₀ , dry, unit:	W/(m·K)	0.73		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 772-21
Initial rate of water absorption:	kg/(m ² ·min)	NPD		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		



actual configuration may vary slightly

EN 771-1:2011

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

Signed on behalf of the manufacturer:

CEO

2014-10-01 Harald Schwarzmayr

Wienerberger Ltd
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Supplementary national information:

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Typical Pack Weight	KG	892
Pack Quantity	EACH	400
Pack Dimensions	MM	875x865x830