

Declaration of performance

DoP number: 12802212-B1W1280

Product name:

SAWSTON BUFF

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

(2) Reference number: 12802212-B1W1280

(4)



Wienerberger

Wienerberger NV

8500 Kortrijk Kapel ter Bede

(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:

0749

Performed:

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

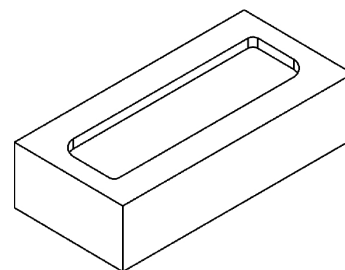
(ii) continuous surveillance, assessment and evaluation of factory production control and issued certificate number 0749-CPD-BC2-201

(9) Declared performance:

Type of unit: HD -masonry unit

Dimensions and tolerances

			Tm	Rm
Length:	mm	215	± 6	9
Width:	mm	102	± 4	6
Height:	mm	65	± 3	5
Tolerance:	category	T1		
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:	%	NPD
Volume of frogs:	%	< 20

Density

Gross dry density:	kg/m ³	1450
Net dry density:	kg/m ³	1550
Tolerance:	category / %	D1 / 10

Compressive strength

Category:	-	I
Perpendicular to bedface:	N/mm ²	12
Perpendicular to header:	N/mm ²	NPD
Perpendicular to header 2:	N/mm ²	NPD

Bond strength: N/mm² NPD

Thermal conductivity λ_{10} , dry, unit: W/(m·K) 0.69 *Determination method EN 1745:2012: S1*

Water vapour permeability: - $\mu = 5/10$ *Tabulated min. and max. value according EN 17...*

Durability: category F2

Water absorption: % 19 *EN 772-21*

Initial rate of water absorption: kg/(m²·min) 0.01-4.1 *EN 772-11*

Active soluble salt content: category S2 *EN 772-5*

Moisture movement: mm/m NPD

Reaction to fire: class A1 *EN 13501-1*

Dangerous substances: - NPD

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

Signed on behalf of the manufacturer:

CEO

2013-07-01



Johan Van Der Biest

Wienerberger NV
8500 Kortrijk Kapel ter Bede

EN 771-1:2011

Supplementary national information:

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