

Declaration of Performance (DoP)

DoP nr. 2013-E-KM050

1.

Product-type:

KM 050 WDF Gault Stock
2.

Type number:

...
3.

Intended uses:

HD units for use in unprotected (protected) masonry walls, columns and partitions
4.

Name and contact adress of the manufacturer:

Steenfabriek Klinkers B.V.; Brusselseweg 700, 6219 NP, Maastricht, The Netherlands
6.

System of assessment and verification of constancy of performance:

2+
7.

The Notified Body:

IKOB BKB
8.

production control .
9.

Declared performance:

Notified Body BCCA N° NB 0749 performed under system 2+ the initial inspection of the manufacturing plant and of the factory production control, performed the continuous surveillance, assessment and evaluation of the factory production control and issued the certificate of conformity of the factory production control .

HD Masonry brick (Category I, according to EN 771-1:2011)			
Essential charateristics	Performance		Harmonized technical specification
Length	215	mm	
Width	100	mm	
Height	65	mm	
Dimensional tolerances (l / w / h)	T1 ±	6 / 4 / 3 mm	
Range (l / w / h)	Rm	14 / 10 / 6 mm	
Flatness of bed faces	NPD		
Parallelism of bed faces	NPD		
Gross dry density	1375	kg/m³	
Net dry density	NPD		kg/m³
Density tolerance: Class / %	D1 ±	10 %	
Volume of frogs	NPD		%
Group Eurocode	1		
Mean compressive strenght perpendicular to bed faces	10	N/mm²	
Normalized compressive strenght perpendicular to bed faces	15	N/mm²	
Compressive strenght not perpendicular to bed faces	NPD	N/mm²	
Bond strength	NPD	N/mm²	
Thermal conductivity λ10,dry,unit	0,47	W/m.K	EN 1745:2012
Water vapour permeability	50/100		EN 1745:2012
Durability angainst freeze/thaw: freeze/thaw resistance	F2		
Free water absorption	19	%	
Initial rate of water absorption:	1,0 - 5,0	kg/m².min	
Active soluble salts content	S2		
Dimensional stability : moisture movement	NPD	mm/m	
Dangerous substances	Complies		NL-BBk
Reaction to fire	NPD		

10.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Function

Place and date of issue

Signature
- I. Brabant

General manager

Maastricht, 28-6-2013

