## Advies KNB 26juni2013

## Declaration of Performance (DoP)

DoP nr. 2013-E-KM627

## KM 627 fine handmade texture red blend

Type number: 2.

Product-type:

3. Intended uses:

1.

4.

7.

HD units for use in unprotected (protected) masonry walls, colums and partitions Steenfabriek Klinkers B.V.; Brusselseweg 700, 6219 NP, Maastricht, The Netherlands 2+

6. System of assessment and verification of constancy of performance:

Name and contact adress of the manufacturer:

IKOB BKB

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.

8. 9. Declared performance:

The Notified Body:

HD Masonry brick (C	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 (I / w / h)	T1 ± 6/4/3	mm
Range (I / w / h)	Rm 14/10/6	mm
Flatness of bed faces	NPD	
Parallelism of bed faces	NPD	
Gross dry density	1600	kg/m³
Net dry density	WNG WDF	kg/m³
Density tolerance: Class / %	D1 ± 10	%
Volume of frogs	NPD	%
Group Eurocode	1	
Mean compressive strenght perpendicular to bed faces	10	N/mm
Normalized compressive strenght perpendicular to bed faces	15	N/mm
Compressive strenght not perpendicular to bed faces	NPD	N/mm
Bond strength	NPD	N/mm
Thermal conductivity λ10,dry,unit	0.45	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/m□.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: I. Brabant Function

Place and date of issue Signature

General manager Maastricht, 28-6-2013

Haling