Declaration of performance
Number **155**
Nelissen facing bricks

NELISSEN

(1) Unique identification code of the product-type: **LAVA**	(6) System or systems of assessment and verification of constancy of performance of the construction product: **2+**	(4) Manufacturer **Nelissen facing bricks** **Kiezelweg 460** **B-3620 Lanaken** **Tel: +32 (0)12 44 02 44** **Fax: +32 (0)12 45 53 89** **www.nelissen.be**	**NB 0749** **EN 771-1** **2011** **+A1:2015**	CE 06
(2) Type number: **3**				
(3) Intended use or uses of the construction product: **Units for use in unprotected masonry walls, colums and partitions.**	(7) Notified body: **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.**			

(9) Declared performance: *For available sizes refer to the product sheet and / or website.*

Dimensions			M50	M65	RF	WV50	WV65	N70/4	N70/5	NNF	Dubio
Length	(mm)		**192**	**192**	**212**	**212**	**217**	**241**	**241**	**246**	**241**
Width	(mm)		**91**	**91**	**101**	**101**	**102**	**72**	**72**	**111**	**72**
Height	(mm)		**51**	**64**	**40**	**49**	**65**	**40**	**50**	**73**	**70**
Normalised compressive strength.	(N/mm²)	**Cat. I , □**	**22**	**25**	**22**	**22**	**25**	**15**	**24**	**26**	**26**
Mean compressive strength	(N/mm²)		**30**	**30**	**30**	**30**	**30**	**20**	**30**	**30**	**30**

Tolerance category		**T2**	
Range category		**R1**	
Flatness of bed faces		**NPD**	
Plane parallelism of bed faces		**NPD**	
Gross dry density		**1480(D2)**	Kg/mm³
Net dry density		**NPD**	Kg/mm³
Configuration		**1**	
Bond strength		**NPD**	N/mm²
Thermal conductivity	(λ10,dry,mat(90,90))	**0,49 (S2)**	W/mK
Thermal conductivity	(λ10,dry,mat) EN1745 Annex A	**0,45 (S1)**	W/mK
Water vapour permeability		**5/10**	
Durability against freeze thaw		**F2**	
Water absorption		**17**	%
Initial water absorption		**1,5<IW<=4 (IW klasse 3)**	Kg/(m².min)
Active soluble salts		**S2**	
Dimensional stability: moisture expansion		**NPD**	Mm/m
Reaction to fire		**A1**	
Dangerous substances		**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:

Burt Nelissen (General Management)

Lanaken (B) 19.02.2020