





Declaration of performance Number 481 Nelissen facing bricks											
(1) Unique identification code of the product-type: BRAVO	(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		NB 0749 EN 771-1 2011 +A1:2015				 06 			
(2) Type number: 3	(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.	www.nelissen.be									
(3) Intended use or uses of the construction product: Units for use in unprotected masonry walls, columns and partitions.	(9) Declared performance: <i>For available sizes refer to the product sheet and / or website.</i>										
Dimensions	M50	M65	RF	WV50	WV65	N70/4	N70/5	NNF	Dubio		
Length (mm)	188	188	208	209	213	239	239	241	240		
Width (mm)	88	88	100	100	101	72	72	108	70		
Height (mm)	51	64	40	49	65	40	50	73	70		
Normalised compressive strength. (N/mm ²)	Cat. I , □		22	25	22	22	25	15	24	26	26
Mean compressive strength (N/mm ²)	Cat. I , □		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							1600(D2)		Kg/mm ³		
Net dry density							NPD		Kg/mm ³		
Configuration							1				
Bond strength							NPD		N/mm ²		
Thermal conductivity (λ10,dry,mat(90,90))							0,59 (S2)		W/mK		
Thermal conductivity (λ10,dry,mat) EN1745 Annex A							0,55 (S1)		W/mK		
Water vapour permeability							5/10				
Durability against freeze thaw							F2				
Water absorption							13		%		
Initial water absorption							1,5<IW<=4 (IW Klasse 3)		Kg/(m ² .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) 18.05.2020											