





Declaration of performance												
Number 91 Nelissen facing bricks												
(1) Unique identification code of the product-type: MARANELLO	(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)		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/mm ²)		Cat. I , □		22	25	22	22	25	15	24	26	26
Mean compressive strength (N/mm ²)				30	30	30	30	30	20	30	30	30
Range category		R1										
Flatness of bed faces		NPD										
Plane parallelism of bed faces		NPD										
Bond strength		NPD								N/mm ²		
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		
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		
Tolerance category		T2										
Gross dry density		1480(D2)								Kg/mm ³		
Net dry density		NPD								Kg/mm ³		
Configuration		1										
Water vapour permeability		5/10										
Durability against freeze thaw		F2										
Water absorption		17								%		
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												