


**NELISSEN**

Declaration of performance



Number	NEHVB078S050Y_2_EN_21084		
Product type / CE	STELLA		
Intended use or uses of the construction product	Units for use in unprotected masonry walls, columns and partitions.		
Manufacturer	Nelissen Steenfabrieken NV Kiezelweg 460 B-3620 Lanaken		Tel: +32 (0)12 44 02 44 Fax: +32 (0)12 45 53 89 info@nelissen.be
System or systems of assessment and verification of constancy of performance of the construction product	2+		
Notified body	BCCA NB 0749		
Harmonized standard	EN 771-1:2011 +A1:2015		

Notified Body 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.

Declared performance

For available sizes refer to the product sheet and / or website.

Dimensions	M50	M65	N70/4	N70/5	N70/7	NNF	RF	WV50	WV65
Length (mm)	192	192	241	241	241	246	212	212	217
Width (mm)	91	91	72	72	72	111	101	101	102
Height (mm)	51	64	40	50	70	73	40	49	65
Compressive strength. (N/mm ²)	Cat. I , □	22	25	15	24	26	26	22	22
Mean compressive strength (N/mm ²)		30	30	20	30	30	30	30	30
Tolerance category							T2		
Range category							R1		
Flatness of bed faces							NPD		
Plane parallelism of bed faces							NPD		
Gross dry density							1480(D1)	Kg/m ³	
Net dry density							NPD	Kg/m ³	
Configuration							1		
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	
Water vapour permeability							5/10		
Freeze/Thaw resistance							F2		
Water absorption							17	%	
Initial water absorption							1,5<IW<=4	Kg/(m ² .min)	
Active soluble salts							S2		
Dimensional stability: moisture expansion							NPD	Mm/m	
Reaction to fire							A1		
Dangerous substances							NPD		

The performance of the product described above is in conformity with the declared performance. This declaration of performance is issued in accordance with Regulation (EU) no. 305/2011 under the sole responsibility of the manufacturer mentioned above.

Signed for and on behalf of the manufacturer by

Burt Nelissen (General Management)

Lanaken (B)

25.03.2021