


**NELISSEN**

## Declaration of performance



Number	NEHVB095H050W_2_EN_21084		
Product type / CE	ARES		
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/mm²)	Cat. I , □	22	25	15	24	26	26	22	22	25
Mean compressive strength	(N/mm²)		30	30	20	30	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/m³		
Net dry density							NPD		Kg/m³		
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				
Freeze/Thaw resistance							F2				
Water absorption							17		%		
Initial water absorption							1,5<IW<=4		Kg/(m².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