

**NELISSEN**

Declaration of performance



Number	NEHVB095H050W_2_EN_24159		CE 15	UK CA 22
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+			
	EU	CE	UK	UKCA
Notified body	BCCA NB 0749		BBA N° 0836	
Harmonized standard	EN 771-1:2011 +A1:2015		BS 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	MOD 50	MOD 65	N70/4	N70/5	N70/6,5	N70/7	NNF	RF 4	WV 50	WV 65
Length (mm)	190	192	242	241	242	238	244	212	212	217
Width (mm)	90	91	72	72	72	72	111	101	101	102
Height (mm)	51	64	41	50	67	70	71	40	51	64
Compressive strength. (N/mm ²)	cat. I, \perp	22	25	15	24	27	27	27	22	25
Mean compressive strength (N/mm ²)		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/m ³
Net dry density									NPD	Kg/m ³
Configuration									1	
Bond strength									NPD	N/mm ²
Thermal conductivity ($\lambda_{10,dry,mat(90,90)}$)									0,49 (S2)	W/mK
Thermal conductivity ($\lambda_{10,dry,mat}$) 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)

07.06.2024