

**NELISSEN**

Declaration of performance



Number	NEHV BX007B_M_EN_24159		CE 06	UK CA 22
Product type / CE	VEGA BAEKEL			
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	190	240	240	241	240	243	210	211	215	
Width (mm)	90	90	72	72	72	70	109	101	101	102	
Height (mm)	51	64	40	50	65	70	73	40	49	65	
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	30
Tolerance category										Tm (5,3,3)	
Range category										Rm (5,3,3)	
Flatness of bed faces										NPD	
Plane parallelism of bed faces										NPD	
Gross dry density										1550(Dm(15))	Kg/m ³
Net dry density										NPD	Kg/m ³
Configuration										1	
Bond strength										NPD	N/mm ²
Thermal conductivity ($\lambda_{10,dry,mat(90,90)}$)										0,59 (S2)	W/mK
Thermal conductivity ($\lambda_{10,dry,mat}$ EN1745 Annex A)										0,55 (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