



Declaration of performance

Number	NEHVB009K050WN_2_EN_24159			
Product type / CE	SHADOW (NEL)			
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

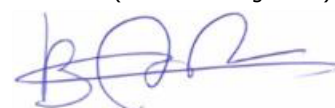
For available sizes refer to the product sheet and / or website.

Dimensions		MOD 50	MOD 65	N70/4	N70/5	N70/6,5	N70/7	NNF	RF 4	WV 50	WV 65
Length	(mm)	188	188	240	240	239	235	241	208	209	213
Width	(mm)	88	88	71	71	70	70	108	100	100	101
Height	(mm)	51	64	40	50	67	70	72	40	51	65
Compressive strength.	(N/mm²)	cat. I , ⊥	22	25	15	24	27	27	27	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								1630(D1)		Kg/m³	
Net dry density								NPD		Kg/m³	
Configuration								1			
Bond strength								NPD		N/mm²	
Thermal conductivity						(λ10,dry,mat(90,90))		0,59 (S2)		W/mK	
Thermal conductivity						(λ10,dry,mat) EN1745 Annex A		0,55 (S1)		W/mK	
Water vapour permeability								5/10			
Freeze/Thaw resistance								F2			
Water absorption								14		%	
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)

07.06.2024