

**NELISSEN**

Declaration of performance



Number	NEHVB113H050W_2_EN_21084		CE 21
Product type / CE	DIONE		
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)	188	188	239	239	240	241	208	209	213	
Width (mm)	88	88	72	72	70	108	100	100	101	
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	25
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								1630(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))								0,59 (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/(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