

DECLARATION OF PERFORMANCE No 45/SZ/17

1. Unique identification code of the product-type: **LFN-10**
2. Intended use/es: **Nailed-in plastic anchor for fixing of external thermal insulation composite systems with rendering in masonry**
3. Manufacturer: **Klimas Sp. z o.o.
ul. Wincentego Witosa 135/137
Kuznica Kiedrzyńska 42-233 Mykanów**
4. Authorised representative: **Not applicable**
5. System/s of AVCP: **system 2+**
6. European Assessment Document: **a) Guidelines EAD 330196-01-0604 edition 10/2017
b) European Technical Assessment ETA-17/0450 of 09/02/2023
c) Deutsches Institut für Bautechnik – DIBt
d) Technical Assessment Body Nr. 1488**
7. Declared performance/s:

Essential characteristic	Performance													
Characteristic resistance	Base material	Concrete C12/15	Concrete C20/25-C50/60	Clay bricks MZ	Calcium silicate bricks KS	Calcium silicate hollow block KSL	Vertically perforated ceramic block MEGA-MAX	Vertically perforated clay brick Porotherm 25	Vertically perforated clay bricks HLZ	Lightweight concrete hollow blocks HBL	Lightweight concrete blocks LAC	Autoclaved concrete blocks 350 kg/m ³	Autoclaved concrete blocks 650 kg/m ³	
	NRk[kN]	NPD	NPD	0,75	NPD	0,50	NPD	0,50	0,80	NPD	NPD	0,30	0,85	
Edge distances and spacing	Min. allowable spacing s _{min} = 100mm					Min. allowable edge distance c _{min} = 100mm								
Displacement	N[kN]/ δ[mm]	NPD	NPD	0,25/1,2	NPD	0,17/2,4	NPD	0,17/2,5	0,25/1,8	NPD	NPD	0,1/1,2	0,3/0,9	
Plate stiffness	Diameter of the anchor plate					60mm								
	Load resistance of the anchor plate					1,33kN								
	Plate stiffness					0,3kN/mm								
Point thermal transmittance	Point thermal transmittance coefficient					0,000W/K* / 0,000W/K**								
	Insulation thickness					80-240mm								

NRk – characteristic resistance ; N – tension load ; δ – displacements *) surface mount; **) immersed mount

8. Appropriate Technical Documentation and/or Specific Technical Documentation: **Not applicable**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Kuznica Kiedrzyńska
09.02.2023

[place]

[date of issue]

Kierownik działu technicznego

Adam Szczepanowski

Adam Szczepanowski

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[name]

[signature]