

Declaration of Performance
Deklaracja Właściwości Użytkowych

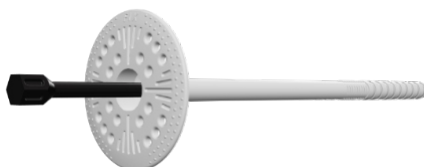
Nr 3/20



1. Unique identification code of the product-type:

FIX-PA

FIX-PA-K



2. Intended use/es:

Nailed-in plastic anchor for fixing of external thermal insulation composite system with rendering in concrete and masonry - with a plastic nail

3. Manufacturer:

ZIEL-PLAST

Bożena Zielińska i Karolina Zielińska Spółka Jawna
ul. Zamkowa 28
32-652 Bulowice

4. Authorised representative:

5. System/s of AVPC:

System 2+

6.

- a) European Assessment Document: EAD 330196-01-0604 edition of July 2017
- b) European Technical Assessment ETA-19/0573 edition of 17 January 2020
- c) Technical Assessment Body: Deutschen Institiut für Bautechnik - DIBt
- d) Notified body/ies: identification number 1488

7. Declared performance/s:

Characteristic tension resistance						
Base material	Cat.	Bulk density [kg/dm ³]	Compressive strength [N/mm ²]	Drill method	FIX-PA	FIX-PA-K
					Characteristic resistance	Characteristic resistance
					[kN]	[kN]
Concrete C12/15 acc. to EN 206-1:2000	A	≥ 2,25	≥ 15	hammer	NPD	0,70
Concrete C16/20 ÷ C50/60 acc. to EN 206-1:2000	A	≥ 2,30	≥ 25	hammer	NPD	1,00
Clay bricks, Mz acc. to EN 771-1:2011	B	≥ 2,00	≥ 20	hammer	0,60	0,50
Calcium silicate bricks, KS acc. to EN 771-2:2011	B	≥ 2,00	≥ 20	hammer	0,60	0,50
Calcium silicate perforated bricks, KSL acc. to EN 771- 2:2011	C	≥ 1,60	≥ 12	hammer	0,60	0,50
Vertical perforated clay bricks, Hlz acc. to EN 771- 1:2011	C	≥ 1,20	≥ 12	rotary	0,25	0,50
Porotherm 25 acc. to EN 771-1:2011	C	≥ 0,80	≥ 10	rotary	0,20	0,20
Lightweight aggregate concrete, LAC acc. to EN 1520:2011 / EN 771-3:2011	D	≥ 0,88	≥ 5	rotary	NPD	1,00
Autoclaved aerated concrete, AAC 2 - AAC 7 acc. to EN 771-4:2011	E	≥ 0,35	≥ 2	rotary	0,50	0,45

Plate stiffness			
Anchor type	Plate diameter	Load resistance	Plate stiffness
	[mm]	[kN]	[kN/mm]
FIX-PA / FIX-PA-K	60	1,50	0,3

Point thermal transmittance			
Anchor type	Installed condition	Insulation thickness	Point thermal transmittance
		[mm]	[W/K]
FIX-PA / FIX-PA-K	Surface mount	20	0,001
		150	0
		375	0
	Immerged mount	40	0
		150	0
		395	0

Displacements				
Base materials	FIX-PA		FIX-PA-K	
	Tension load	Displacement	Tension load	Displacement
	[kN]	[mm]	[kN]	[mm]
Concrete C12/15 acc. to EN 206-1:2000	NPD	NPD	0,23	0,15
Concrete C16/20 ÷ C50/60 acc. to EN 206-1:2000	NPD	NPD	0,30	0,22
Clay bricks, Mz acc. to EN 771-1:2011	0,20	0,33	0,17	0,15
Calcium silicate bricks, KS acc. to EN 771-2:2011	0,20	0,30	0,17	0,15
Calcium silicate perforated bricks, KSL acc. to EN 771- 2:2011	0,20	0,26	0,17	0,15
Vertical perforated clay bricks, Hlz acc. to EN 771- 1:2011	0,10	0,43	0,17	0,15
Porotherm 25 acc. to EN 771-1:2011	0,07	0,48	0,07	0,11
Lightweight aggregate concrete, LAC acc. to EN 1520:2011 / EN 771-3:2011	NPD	NPD	0,30	0,22
Autoclaved aerated concrete, AAC 2 - AAC 7 acc. to EN 771-4:2011	0,17	0,28	0,15	0,12

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

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.

Aigned for and on behalf of the manufacturer by:

*Bożena Zielińska
Bulowice, 03.03.2020*

„ZIEL-PLAST”
Bożena Zielińska
Spółka Jawna
32-652 BULOWICE, ul. Zamkowa 28
tel. 33 845 52 69 fax w. 24
NIP 549-243-45-56 REG. 122727294