

DECLARATION OF PERFORMANCE

DoP no. 0304Z/2017/IDP

1. Unique product identification code: IDP PP x L, IDP PA x L, IDPO PA x L, LI 40, LI 50, LI 70, LI 40 x 82, LI 40 x 82 H, LI 40 x 40, HFST 4,8 x L, HFSD 4,8 x L, HFHD 4,8 x L, HFC 6,1 x L, HFW 5,0 x L

2. Intended use or uses: The fasteners consist of carbon steel screw, hardened and protected by special ceramic coating and a washer with integrated plastic sleeve or washer steel plate galvanized are intended to be used for fastening of flexible roof waterproofing membranes according to EAD. The possible substrates are steel decks, concrete or timber structures.

3. Manufacturer: P.H. „HAMAR” Sp. J. B. i H. Grzesiak, ul. Hutnicza 7, 81-061 Gdynia

4. Authorized representative:

5. System or systems of assessment and verification of constancy of performance: System 2+

6. European Technical Assessment: ETA-12/0579 issued 30.06.2017

Technical Assessment Body: Instytut Techniki Budowlanej, ul. Filtrowa 1, 00-611 Warszawa

Notified body: Notified body no. 1488

Certificate 1488-CPR-0304/Z

7. Declared performance:

Characteristic values of axial loading resistance [kN]									
Ann. No.	IDP Flat roof fasteners		Substrate						
			Steel sheet grade S280GD according to EN 10346						
	Fastener	Washer/sleeve	t ≥ 0,50 mm	t ≥ 0,63 mm	t ≥ 0,75 mm	t ≥ 0,88 mm	t ≥ 1,00 mm	t ≥ 1,25 mm	
1	HFST	IDP PP	0,79	1,26	1,32	1,35	-	-	
1		IDP PA	0,79	1,26	1,32	1,72	-	-	
2		IDPO PP	0,79	1,26	1,32	1,34	-	-	
2		IDPO PA	0,79	1,26	1,32	1,72	-	-	
3		LI 40x82	0,79	1,26	1,32	1,72	-	-	
4		LI 40	0,79	1,26	1,32	1,72	-	-	
5		LI 50	0,79	1,26	1,32	1,72	-	-	
6		LI 70	0,79	1,26	1,32	1,72	-	-	
7		LI 40x40	0,79	1,26	1,32	1,72	-	-	
8		HFSD	IDP PP	-	-	1,02	1,27	1,35	1,35
8			IDP PA	-	-	1,02	1,27	1,51	1,79
9			IDPO PP	-	-	1,02	1,27	1,34	1,34
9			IDPO PA	-	-	1,02	1,27	1,51	1,80
10			LI 40x82	-	-	1,02	1,27	1,51	1,99
11	LI 40		-	-	1,02	1,27	1,51	1,99	
12	LI 50		-	-	1,02	1,27	1,51	1,99	
13	LI 70		-	-	1,02	1,27	1,51	1,99	
14	LI 40x40	-	-	1,02	1,27	1,51	1,99		

15	HFHD	LI 40x82 H	-	-	1,02	1,27	1,51	1,99
Characteristic values of axial loading resistance [kN]								
Ann. No.	IDP Flat roof fasteners		Substrate					
	Fastener	Washer/sleeve	Concrete acc. to EN 206		Embedment depth [mm]	Drill hole diameter [mm]		
≥ C20/25								
16	HFC	IDP PP	1,36		30	5		
16		IDP PA	1,84					
17		IDPO PP	1,33					
17		IDPO PA	1,85					
18		LI 40x82	2,23					
19		LI 70	2,88					
Characteristic values of axial loading resistance [kN]								
Ann. No.	IDP Flat roof fasteners		Substrate					
	Fastener	Washer/sleeve	Wood acc. to EN 14081		Embedment depth [mm]			
≥ C24								
20	HFW	IDP PP	1,38		20			
20		IDP PA	1,96					
21		IDPO PP	1,37					
21		IDPO PA	1,94					
22		LI 40x82	1,96					
23		LI 40	1,96					
24		LI 50	1,96					
25		LI 70	1,96					
26		LI 40x40	1,96					

8. Relevant technical documentation or specific technical documentation: EAD (ETAG 006), European Technical Assessment ETA-12/0579 issued 30.06.2017 replacing document issued 27.12.2012

The performance of the product identified above is in conformity with the set of declared performances. 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:
 Bogusław Grzesiak – partner
 Gdynia 28.12.2017

[signature]