

DECLARATION OF PERFORMANCE

DoP no. 0550Z/2022/WKSPW

1. Unique product identification code:

WKSPW (H) 5,5/6,3-6 x L, WKSPW PROTECT (H) 5,5/6,3-6 x L, WKSPW (H) 5,5/6,3-12 x L, WKSPW PROTECT (H) 5,5/6,3-12 x L, WKSPW PROTECT (H) 5,5/6,3-16 x L, WKSPW (H) 5,5/6,3-20 x L, WKSPW PROTECT (H) 5,5/6,3-20 x L, WKSPW (H) 5,5/6,3-25 x L, WKSPW PROTECT (H) 5,5/6,3-25 x L, WKSPW (HS2) 5,5/6,3-6 x L, WKSPW (HS2) 5,5/6,3-12 x L, WKSPW (H) 6,5 x L, WKSPW PROTECT (H) 6,5 x L, WKSPW (HSA2) 6,5 x L

2. Intended use or uses:

Intended use	The fastening screws for sandwich panels are intended to be used for fastening sandwich panels to metal or timber substructures. According to point 2 and the Annexes 1 to 23 of ETA-13/0421 issued dated 30.06.2022.
Fastened material (component I)	S280GD to S450GD - EN 10346; 1050A - EN 485;
Substructure (component II)	S235 to S355 - EN 10025-1; S280GD to S450GD - EN 10346; 1050A - EN 485; structural timber - EN 14081;
Loads	With predominantly static (e.g. wind loads, dead loads).

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

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

5. European Assessment Document: EAD 330047-01-0602 „Fastening screws for sandwich panels”

European Technical Assessment: ETA-13/0421 issued dated 30.06.2022.

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

Notified body: Notified body no. 1488, Factory Production Control Certificate 1488-CPR-0550/Z

6. Declared performance:

Essential characteristic			Performance
Characteristic shear resistance $V_{R,k}$ [kN], component I: steel S280GD to S450GD according to EN 10346 or aluminum 1050A according to EN 485, component II: steel S235 to S355 according to EN 10025-1, steel S280GD to S450GD according to EN 10346 or aluminum 1050A according to EN 485 or structural timber of class \geq C24 according to EN 14081			See ETA-13/0421 of 30/06/2022
Characteristic tension resistance $N_{R,k}$ [kN], component I: steel S280GD to S450GD according to EN 10346 or aluminum 1050A according to EN 485, component II: steel S235 to S355 according to EN 10025-1, steel S280GD to S450GD according to EN 10346 or aluminum 1050A according to EN 485 or structural timber of class \geq C24 according to EN 14081			
Reaction to fire			class A1
No	Screw	Material	Annex
1	WKSPW (H) 5,5/6,3-6 x L	Galvanized carbon steel	2, 3
2	WKSPW PROTECT (H) 5,5/6,3-6 x L	Galvanized carbon steel with PROTECT coating	2, 3
3	WKSPW (H) 5,5/6,3-12 x L	Galvanized carbon steel	4, 5
4	WKSPW PROTECT (H) 5,5/6,3-12 x L	Galvanized carbon steel with PROTECT coating	4, 5
5	WKSPW PROTECT (H) 5,5/6,3-16 x L	Galvanized carbon steel with PROTECT coating	6, 7
6	WKSPW (H) 5,5/6,3-20 x L	Galvanized carbon steel	8, 9
7	WKSPW PROTECT (H) 5,5/6,3-20 x L	Galvanized carbon steel with PROTECT coating	8, 9
8	WKSPW (H) 5,5/6,3-25 x L	Galvanized carbon steel	10, 11
9	WKSPW PROTECT (H) 5,5/6,3-25 x L	Galvanized carbon steel with PROTECT coating	10, 11
10	WKSPW (HS2) 5,5/6,3-6 x L	Stainless steel, Bi-metal	12, 13, 16
11	WKSPW (HS2) 5,5/6,3-12 x L	Stainless steel, Bi-metal	14, 15
12	WKSPW (H) 6,5 x L	Galvanized carbon steel	17, 18
13	WKSPW PROTECT (H) 6,5 x L	Galvanized carbon steel with PROTECT coating	17, 18
14	WKSPW (HSA2) 6,5 x L	Stainless steel	19, 20

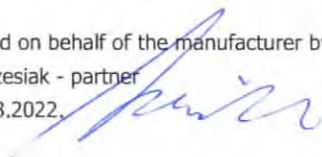
 Harmonized Technical Specification
ETA-13/0421 of 30/06/2022

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, 23.08.2022.



[signature]