



**DECLARATION OF PERFORMANCE NR:  
DOP 12/0149 FRI**

Version: V-1.2025

ACCORDING TO THE REGULATION (EU) No 574/2014 OF 21 FEBRUARY 2014

**1. Unique product type identification code:**

G1, G2, GTS-S, GTS-B, GTSX-B, GTHD, GTS-BZT, MQ, UZ-K, DVP

**2. Intended use or uses of the construction product:**

Fasteners for flexible roof waterproofing systems

**3. Manufacturer:**

Simpson Strong-Tie Etanco P.S.A., Al. Jana Pawła II 1, 81-345 Gdynia,  
Address of the manufacturing plant: ul. Olsztyńska 30, 11-130 Orneta

**4. Authorized representative:**

Not applicable

**5. System of assessment and verification of constancy of performance:**

System 2+ according Annex V Regulation No 305/2013 of the European Parliament and of the Council of 9 March 2011 (Construction Product Regulation - CPR)

**6. European Assessment Document:**

EAD 030351-00-0402

**European Technical Assessment:**

ETA-12/0149 dated 30.07.2025

**Technical Assessment Unit:**

Instytut Techniki Budowlanej

**Notified body or bodies:**

Identification No. 1488

**7. Declared performance:**

Essential characteristics	Performance	European Technical Specification
Characteristic values of axial load resistance $N_{R,k}$ [kN]	acc. to the tables in the annex C1, C2 ETA-12/0149	ETA-12/0149
Fasteners dimension [mm]	acc. to the tables in the annex A1 ÷ A7 ETA-12/0149	

**Table 1.**

Characteristic values of axial load resistance [kN]								
Fastener	Washer	Substrate						
		Steel sheet S280GD acc. to EN 10346						
		t ≥ 0,50 mm	t ≥ 0,63 mm	t ≥ 0,70 mm	t ≥ 0,75 mm	t ≥ 0,88 mm	t ≥ 1,00 mm	t ≥ 1,25 mm
GTS-S 4,8xL	G1, G2	0,72	0,97	0,97	1,13	1,18	1,18	1,18
	DVP	0,72	0,97	0,97	1,13	1,18	1,18	1,18
GTS-B 4,8xL	G1, G2	-	-	1,08	1,08	1,11	1,59	1,59
	DVP	-	-	1,08	1,08	1,11	1,59	1,59
GTSX-B 4,8xL	G1, G2	-	-	-	0,82	1,06	1,46	1,46
GTS-BZT 4,8xL	DVP	-	-	-	1,01	1,11	1,59	1,59

**Table 2.**

Characteristic values of axial load resistance [kN]					
Fastener	Washer	Substrate			
		Concrete acc. EN 206-1		Embedment depth [mm]	Drill hole diameter [mm]
		C12/15	C20/25		
GTHD 6,3xL	G1, G2	1,58	1,58	30,0	5,0
	DVP	1,58	1,58		
GTS-S 4,8xL MQ 8x40	G1, G2	1,13	1,13	40,0	8,0
	DVP	1,13	1,13		
GTS-S 4,8xL U-ZK 8x57	G1, G2	1,13	1,13	60,0	8,0
	DVP	1,13	1,13		

**Table 3.**

Characteristic values of axial load resistance [kN]				
Fastener	Washer	Substrate		
		Fibre-cement profiled sheets acc. to EN 494	Embedment depth (thickness of fibrecement profiled sheets) [mm]	Drill hole diameter [mm]
GTHD 6,3xL	G1, G2	1,58	5,00	5,0
	DVP	1,58		
GTS-S 4,8xL	G1, G2	0,77	5,00	4,0
	DVP	0,77		

**Table 4.**

Characteristic values of axial load resistance [kN]			
Fastener	Washer	Substrate	
		Timber acc. to EN 14081-1	Embedment depth [mm]
		≥ C24	
GTHD 6,3xL	G1, G2	1,58	30,00
	DVP	1,58	
GTS-S 4,8xL	G1, G2	1,57	20,00
	DVP	1,57	

**Table 5.**

Characteristic values of axial load resistance [kN]			
Fastener	Washer	Podłoże	
		OSB sheet acc. to EN 300	Embedment depth (OSB thickness) [mm]
		Density $\geq 625 \text{ kg/m}^3$	
GTHD 6,3xL	G1, G2	1,58	18,00
	DVP	1,58	
GTS-S 4,8xL	G1, G2	1,57	18,00
	DVP	1,57	

**8. Relevant technical documentation or special technical documentation:****Not applicable**

Performance properties of the product described above are compatible with the set of declared performance characteristics. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer referred above

**On behalf of the producer signed:**

Sewer Malesiński  
Product Manager  
Singapore Strong-Tie Etanco P.S.A.  


Orneta, July 30, 2025