



## NATIONAL DECLARATION OF PERFORMANCE NO:

# KDWU-2018/0706 FRI

Version: V-1.2025

### 1. Name and trade name of construction product:

**Etanco roof fasteners type G and DVP for fixing waterproof and thermal insulation**

### 2. Type of the construction product:

**GTS-S 4,8xL, GTS-B 4,8xL, GTHD 6,3xL, GTS-BZT 4,8xL, GTSX-B 4,8xL, UZ-K 8,0x57, G1 50xL, G2 50xL, DVP 50D, DVP 70D, DVP 40N, DVP 50N, DVP 70N, DVP 8040D, DVP 8040N**

### 3. Intended uses or use:

G and DVP roof fasteners are intended for mechanical fastening of thermal insulation and waterproofing layers to substrate made of:

- concrete class C12/15 ÷ C50/60 according to the PN-EN 206+A2:2021 standard (including troughed slabs, with a thickness of not less than 50 mm) – in the case of G and DVP fasteners with GTHD screws and with GTS-S screws and U-ZK expansion plugs,
- steel sheet grade S280GD according to the PN-EN 10346:2015 standard – in the case of G and DVP fasteners with GTS-S, GTS-B or GTSX-B screws and DVP fasteners with GTS-BZT screws, however, G and DVP fasteners with GTS-S screws may be used for fastenings in steel sheets with a thickness of not more than 0.9 mm, and G and DVP fasteners with GTS-B and GTSX-B screws, and DVP fasteners with GTS-BZT screws, can be used for fastenings in steel sheets with a thickness of no more than 2.5 mm.
- structural timber according to the PN-EN 14081-1+A1:2019 standard, strength class no lower than C24 according to the PN-EN 338:2016 standard – in the case of G and DVP fasteners with GTHD and GTS-S screws.
- OSB wood-based panels according to the PN-EN 300:2007 standard, with a thickness of no less than 18 mm and a density of no less than 625 kg/m<sup>3</sup> – in the case of G and DVP fasteners with GTHD and GTS-S screws.
- fiber-cement boards according to the PN-EN 494+A1:2015 standard, with a thickness of no less than 5 mm – in the case of G and DVP fasteners with screws. GTHD and GTS-S.

Due to the corrosive nature of the environment:

- G fasteners with GTHD, GTS-S, and GTS-B screws can be used in environments with a corrosiveness category and durability period of C1, C2 VH, C3 VH, and C4 H according to the PN-EN ISO 12944-1:2018 and PN-EN ISO 12944-2:2018 standards,
- G fasteners with GTSX-B screws can be used in environments with a corrosiveness category and durability period of C1, C2 VH, C3 VH, C4 H, and C5 H according to the PN-EN ISO 12944-1:2018 and PN-EN ISO 12944-2:2018 standards. At the same time, the fasteners should not be used in areas directly exposed to sea breezes.
- DVP fasteners can be used in environments with a corrosiveness category and durability period of C1 and C2 VH according to the PN-EN ISO 12944-1:2018 and PN-EN ISO 12944-2:2018.

### 4. Name and address of the manufacturer and place of manufacture of the product:

**Simpson Strong-Tie Etanco P.S.A., Al. Jana Pawła II 1, 81-345 Gdynia,**

**Production plant: ul. Olsztyńska 30, 11-130 Orneta**

**5. Name and address of the authorized representative, if established:**

N/A

**6. National system used for assessment and verification of constancy of performance:**

System 2+

**7. National technical specification:**

7a. Polish Standard of the product: N/A

Name of the accredited certification body, accreditation number and national certificate number or name of the accredited laboratory/laboratories and accreditation number: N/A

7b. National Technical Assessment: ITB-KOT-2018/0706 Issue 3

Technical Assessment Body / National Technical Assessment Body: Instytut Techniki Budowlanej

Name of the accredited certification body and certificate number:

Zakład Certyfikacji ITB Warszawa AC 020

Factory Production Control Certificate No.: 020-UWB-0726/Z

**8. Declared performance properties**

Essential characteristics of the construction product for the intended use or uses	Declared performances	Comments
Characteristic load capacity of fasteners:	According to tables C1÷C4 of the assessment	ITB-KOT-2018/0706 Issue 3
Protective coating / Corrosion protection:	According to point 2 of the assessment	ITB-KOT-2018/0706 Issue 3 PN-EN ISO 12944-1:2018 PN-EN ISO 12944-2:2018

**Table C1**

Characteristic and design load capacity for axial pull-out from concrete						
Screw (+ plug)	Sleeve or washer	Substrate	Anchoring depth [mm]	Bore hole diameter [mm]	Characteristic load capacity [kN]	Design load capacity [kN]
GTHD	G	Concrete class min C12/15	30	5,0	1,58	0,79
	DVP					
GTS-S + UZK	G	Concrete class min C12/15	60 (in the case of 50-60 mm thick trough slabs - through installation)	7,5	1,13	0,57
	DVP					
Concrete acc. to PN-EN 206:2014						

**Table C2**

Characteristic and design load capacity for axial pull-out from timber and wood-like substrates					
Screw	Sleeve or washer	Substrate	Anchoring depth [mm]	Characteristic load capacity [kN]	Design load capacity [kN]
GTHD	G	Timber class min. C24	30	1,58	0,79
	DVP				
GTS-S	G		20	1,57	0,79
	DVP				
GTHD	G	OSB panels thickness 18 mm $\rho > 625 \text{ kg/m}^3$	18 mm (through installation)	1,58	0,79
	DVP				
GTS-S	G			1,57	0,79
	DVP				
timber acc. to PN-EN 14081-1+A1:2011					
OSB panels acc. to PN-EN 300:2007					

**Table C3**

Characteristic and design load capacity for axial pull-out from steel					
Screw	Sleeve or washer	Substrate	Steel sheet thickness [mm]	Characteristic load capacity [kN]	Design load capacity [kN]
GTS-S	G	steel grade S280GD	0,50	0,72	0,54
			0,63	0,97	0,73
			0,75	1,13	1,00
			0,88	1,18	1,04
	DVP	steel grade S280GD	0,50	0,72	0,54
			0,63	0,97	0,73
			0,75	1,13	1,00
			0,88	1,18	1,04
GTS-B	G	steel grade S280GD	0,75	1,01	0,76
			0,88	1,11	0,76
			1,00	1,59	0,76
			1,25	1,59	0,76
	DVP	steel grade S280GD	0,75	1,01	0,76
			0,88	1,11	0,76
			1,00	1,59	0,76
			1,25	1,59	0,76
GTS-BZT	DVP	steel grade S280GD	0,75	1,01	0,76
			0,88	1,11	0,76
			1,00	1,59	0,76
			1,25	1,59	0,76
GTSX-B	G	steel grade S280GD	0,75	0,91	0,68
			0,88	1,21	0,76
			1,00	1,50	0,76
steel acc. to PN-EN 10346:2015					

**Table C4**

Characteristic and design load capacity for axial pull-out from fiber-cement boards						
Screw	Sleeve or washer	Substrate	Anchoring depth [mm]	Bore hole diameter [mm]	Characteristic load capacity [kN]	Design load capacity [kN]
GTS-S	G	fiber-cement board (thickness 5 mm)	5,0 (through installation)	4,0	0,77	0,58
	DVP				0,77	0,58
GTHD	G			5,0	1,58	1,19
	DVP				1,58	1,19
fiber-cement boards acc. to PN-EN 494+A3:2009						

9. The performance properties of the product specified above are in accordance with all the declared performance characteristics listed in paragraph 8. This national declaration of performance is issued in accordance with the Act of 16 April 2004 on construction products, under the sole responsibility of the manufacturer.

Place and date of issue  
**Orneta 05.08.2025**

On behalf of the manufacturer signed

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