

Declaration of Performance

TechFast Timber to Steel Roofing & Cladding Screw

Document Number:
DOPTF319

1. Unique identification code of the product-type:

TechFast Timber to Steel Roofing & Cladding Screw

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Head: Countersunk. Recess: Torx. Partial Thread. Material 10B21

3. Intended use or uses of the construction product, in accordance with the applicable harmonised/designated technical specification, as foreseen by the manufacturer:

Developed for the roofing and cladding sector

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

ForgeFix Ltd. Galleon Blvd, Crossways Bus. Park, Dartford, Kent DA2 6QE, UK.

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Tucks Fasteners Ltd. Century Bus. Park, 10 St Margaret's Rd, Dublin, D11 TN80, IE.

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

AVCP System 4

7. Harmonised / Designated standard:

EN 14566:2008+A1:2009

8. Notified body/ies:

Notified Body: N/A

European Technical Assessment: N/A

9. Declared performance/s:

TechFast Timber to Steel Roofing & Cladding Screw - Flexural Strength Test

Size	Sample Screw No.	Breakage or Cracking
4.8mm	1-50	Pass
5.5mm	1-50	Pass

Summary : Pass: 50 pcs Fail: 0 pcs

TechFast Timber to Steel Roofing & Cladding Screw - Point Test (Drilling Performance Test) 4.8mm

No.	Drilling Time	No.	Drilling Time	No.	Drilling Time	No	Drilling Time
1	1.56s	14	1.44s	27	1.88s	40	1.58s
2	1.49s	15	1.45s	28	1.50s	41	1.48s
3	1.52s	16	1.50s	29	1.46s	42	1.44s
4	1.48s	17	1.51s	30	1.70s	43	1.43s
5	1.37s	18	1.78s	31	1.50s	44	1.45s
6	1.26s	19	1.85s	32	1.35s	45	1.48s
7	1.58s	20	1.30s	33	1.38s	46	1.45s
8	1.60s	21	1.50s	34	1.27s	47	1.42s
9	1.48s	22	1.20s	35	1.25s	48	1.38s
10	1.38s	23	1.22s	36	1.36s	49	1.48s
11	1.37s	24	1.46s	37	1.56s	50	1.55s
12	1.55s	25	1.50s	38	1.55s		
13	1.46s	26	1.52s	39	1.54s		

Summary : Pass: 50 pcs Fail: 0 pcs

Test Result : PASS

TechFast Timber to Steel Roofing & Cladding Screw - Point Test (Drilling Performance Test) 5.5mm

No.	Drilling Time	No.	Drilling Time	No.	Drilling Time	No	Drilling Time
1	2.32s	14	2.44s	27	2.15s	40	2.38s
2	2.37s	15	2.45s	28	2.45s	41	2.28s
3	2.46s	16	2.50s	29	2.48s	42	2.44s
4	2.50s	17	2.51s	30	2.44s	43	2.43s
5	2.58s	18	2.40s	31	2.43s	44	2.45s
6	2.48s	19	2.36s	32	2.41s	45	2.48s
7	2.32s	20	2.30s	33	2.38s	46	2.45s
8	2.35s	21	2.50s	34	2.27s	47	2.42s
9	2.52s	22	2.20s	35	2.25s	48	2.38s
10	2.55s	23	2.22s	36	2.36s	49	2.48s
11	2.48s	24	2.46s	37	2.56s	50	2.55s
12	2.47s	25	2.50s	38	2.55s		
13	2.31s	26	2.52s	39	2.44s		

Summary : Pass: 50 pcs Fail: 0 pcs

Test Result : PASS

TechFast Timber to Steel Roofing & Cladding Screw - Length Test (Dimension Measurement) 4.8 x 38mm

No.	Length	No.	Length	No.	Length	No	Length
1	38.16mm	14	38.89mm	27	38.56mm	40	38.25mm
2	38.22mm	15	38.90mm	28	38.56mm	41	38.36mm
3	38.48mm	16	38.95mm	29	38.79mm	42	38.59mm
4	38.12mm	17	37.58mm	30	38.44mm	43	38.50mm
5	38.20mm	18	38.10mm	31	38.52mm	44	38.43mm
6	37.99mm	19	38.45mm	32	38.56mm	45	38.37mm
7	38.00mm	20	38.59mm	33	38.15mm	46	38.79mm
8	36.88mm	21	38.60mm	34	38.15mm	47	38.22mm
9	38.10mm	22	38.75mm	35	38.56mm	48	38.25mm
10	39.10mm	23	38.69mm	36	38.78mm	49	38.12mm
11	38.99mm	24	38.79mm	37	38.15mm	50	38.38mm
12	37.50mm	25	38.12mm	38	38.10mm		
13	38.20mm	26	38.52mm	39	38.49mm		

Summary : Pass: 50 pcs Fail: 0 pcs Test Result : PASS

TechFast Timber to Steel Roofing & Cladding Screw - Length Test (Dimension Measurement) 5.5 x 85mm

No.	Length	No.	Length	No.	Length	No	Length
1	85.70mm	14	85.23mm	27	85.62mm	40	85.69mm
2	85.65mm	15	85.10mm	28	85.59mm	41	85.60mm
3	85.60mm	16	85.50mm	29	85.78mm	42	85.79mm
4	85.70mm	17	85.65mm	30	85.88mm	43	85.89mm
5	85.55mm	18	85.45mm	31	85.96mm	44	85.46mm
6	85.30mm	19	85.55mm	32	85.78mm	45	85.12mm
7	84.20mm	20	85.65mm	33	85.74mm	46	85.46mm
8	85.30mm	21	85.70mm	34	85.65mm	47	85.75mm
9	85.79mm	22	85.89mm	35	85.55mm	48	85.70mm
10	85.80mm	23	85.80mm	36	85.46mm	49	85.66mm
11	85.79mm	24	85.96mm	37	85.55mm	50	85.68mm
12	85.80mm	25	85.50mm	38	85.98mm		
13	85.49mm	26	85.55mm	39	85.45mm		

Summary : Pass: 50 pcs Fail: 0 pcs Test Result : PASS

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of:

ForgeFix Ltd.

Place of issue:

ForgeFix Ltd. Galleon Blvd, Crossways Bus. Park, Dartford, Kent DA2 6QE, UK.

Date of issue:

01/01/2021

Name:

Anthony Armitt

Position:

Commercial Director

Signature:

A handwritten signature in black ink, appearing to read 'A. Armitt', is written over a horizontal dashed line.