

# Declaration of Performance

## TechFast Sheet to Timber Roofing & Cladding Screw

Document Number:  
DOPTF219

1. Unique identification code of the product-type:

TechFast Sheet to Timber 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: Hex. Full/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 Sheet to Timber Roofing & Cladding Screw - Flexural Strength Test

Size	Sample Screw No.	Breakage or Cracking
6.3mm	1-50	Pass

Summary : Pass: 50 pcs Fail: 0 pcs

TechFast Sheet to Timber Roofing & Cladding Screw - Withdrawal Test 6.3mm

No.	Withdrawal Force	No.	Withdrawal Force	No.	Withdrawal Force	No	Withdrawal Force
1	1864N	14	1798N	27	1865N	40	1809N
2	1865N	15	1883N	28	1792N	41	1987N
3	1901N	16	1806N	29	1855N	42	1806N
4	1792N	17	1792N	30	1903N	43	1901N
5	1855N	18	1859N	31	1795N	44	1798N
6	1853N	19	1905N	32	1864N	45	1855N
7	1903N	20	1902N	33	1794N	46	1869N
8	1793N	21	1864N	34	1806N	47	1903N
9	1864N	22	1798N	35	1902N	48	1799N
10	1798N	23	1904N	36	1797N	49	1863N
11	1864N	24	1853N	37	1875N	50	1801N
12	1866N	25	1802N	38	1793N		
13	1865N	26	1793N	39	1875N		

Summary : Pass: 50 pcs Fail: 0 pcs

Test Result : PASS

TechFast Sheet to Timber Roofing & Cladding Screw - Length Test (Dimension Measurement) 6.3mm

No.	Length	No.	Length	No.	Length	No	Length
1	45.38mm	14	45.77mm	27	45.58mm	40	45.15mm
2	46.00mm	15	45.34mm	28	45.12mm	41	45.43mm
3	45.39mm	16	45.27mm	29	45.39mm	42	45.28mm
4	44.85mm	17	45.37mm	30	46.05mm	43	45.21mm
5	45.36mm	18	45.34mm	31	45.17mm	44	45.34mm
6	46.10mm	19	45.46mm	32	45.49mm	45	45.72mm
7	44.95mm	20	45.03mm	33	44.97mm	46	45.28mm
8	45.05mm	21	45.60mm	34	45.31mm	47	45.90mm
9	45.88mm	22	44.84mm	35	45.68mm	48	45.38mm
10	44.97mm	23	45.18mm	36	45.08mm	49	45.80mm
11	45.67mm	24	45.79mm	37	45.53mm	50	45.18mm
12	45.36mm	25	45.90mm	38	45.29mm		
13	44.99mm	26	45.27mm	39	45.34mm		

Summary : Pass: 50 pcs Fail: 0 pcs

Test Result : PASS

TechFast Sheet to Timber Roofing & Cladding Screw - Hardness Test 6.3mm

No.	Hardness	No.	Hardness	No.	Hardness	No	Hardness
1	55.9 HRC	14	58.9 HRC	27	57.2 HRC	40	58.5 HRC
2	58.2 HRC	15	58.2 HRC	28	58.9 HRC	41	57.8 HRC
3	58.5 HRC	16	55.9 HRC	29	58.5 HRC	42	57.7 HRC
4	58.7 HRC	17	59.9 HRC	30	57.2 HRC	43	58.6 HRC
5	57.8 HRC	18	58.7 HRC	31	57.9 HRC	44	56.7 HRC
6	57.3 HRC	19	57.9 HRC	32	57.2 HRC	45	56.4 HRC
7	57.8 HRC	20	60.2 HRC	33	56.4 HRC	46	56.9 HRC
8	58.4 HRC	21	58.2 HRC	34	58.9 HRC	47	57.5 HRC
9	57.3 HRC	22	57.8 HRC	35	58.9 HRC	48	57.8 HRC
10	56.1 HRC	23	59.0 HRC	36	56.7 HRC	49	57.5 HRC
11	58.4 HRC	24	57.9 HRC	37	58.4 HRC	50	58.3 HRC
12	57.2 HRC	25	58.6 HRC	38	59.4 HRC		
13	59.8 HRC	26	60.3 HRC	39	57.2 HRC		

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:

