

## Declaration of Performance

### TechFast Window Screw - Cill Screw Self-drilling

Document Number:  
DOPTF719

1. Unique identification code of the product-type:

TechFast Window Screw - Cill Screw Self-drilling

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

Head: Bugle. Recess: Torx. 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:

For fastening window/door cills to metal reinforced PVCu

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 Window Screw Cill Screw Self-drilling - Flexural Strength Test

Size	Sample Screw No.	Breakage or Cracking
4.2mm	1-50	Pass

Summary: Pass: 50 pcs Fail: 0 pcs

### TechFast Window Screw Cill Screw Self-drilling - Withdrawal Test 4.2mm

No.	Withdrawal Force	No.	Withdrawal Force	No.	Withdrawal Force	No	Withdrawal Force
1	567N	14	580N	27	554N	40	560N
2	554N	15	578N	28	558N	41	571N
3	591N	16	560N	29	560N	42	561N
4	565N	17	565N	30	568N	43	580N
5	580N	18	566N	31	569N	44	574N
6	577N	19	568N	32	591N	45	568N
7	578N	20	554N	33	587N	46	574N
8	580N	21	555N	34	584N	47	573N
9	574N	22	581N	35	581N	48	563N
10	576N	23	580N	36	570N	49	579N
11	578N	24	582N	37	574N	50	574N
12	555N	25	584N	38	558N		
13	566N	26	567N	39	577N		

Summary: Pass: 50 pcs Fail: 0 pcs

Test Result: PASS

### TechFast Window Screw Cill Screw Self-drilling - Point Test (Drilling Performance) 4.2mm

No.	Drilling Time	No.	Drilling Time	No.	Drilling Time	No	Drilling Time
1	2.18s	14	2.14s	27	1.97s	40	1.97s
2	2.02s	15	1.95s	28	1.95s	41	2.20s
3	2.19s	16	2.11s	29	1.91s	42	1.89s
4	1.98s	17	1.98s	30	2.15s	43	2.01s
5	2.00s	18	1.94s	31	2.04s	44	2.06s
6	1.90s	19	1.98s	32	2.07s	45	1.95s
7	2.12s	20	1.99s	33	1.98s	46	2.05s
8	2.17s	21	2.14s	34	2.06s	47	2.12s
9	1.99s	22	1.90s	35	1.98s	48	2.04s
10	2.17s	23	1.89s	36	1.91s	49	2.07s
11	2.15s	24	2.15s	37	2.05s	50	1.99s
12	2.17s	25	2.10s	38	1.94s		
13	2.15s	26	1.99s	39	2.12s		

Summary: Pass: 50 pcs Fail: 0 pcs

Test Result: PASS



### TechFast Window Screw Cill Screw Self-drilling - Length Test (Dimension Measurement) 4.2 x 65mm

No.	Length	No.	Length	No.	Length	No	Length
1	65.26mm	14	64.80mm	27	63.88mm	40	65.36mm
2	63.60mm	15	65.80mm	28	64.78mm	41	65.89mm
3	65.50mm	16	65.78mm	29	65.89mm	42	65.78mm
4	64.50mm	17	66.68mm	30	66.10mm	43	65.74mm
5	66.00mm	18	64.58mm	31	64.74mm	44	66.15mm
6	64.10mm	19	64.78mm	32	65.89mm	45	63.90mm
7	65.40mm	20	65.89mm	33	64.58mm	46	64.25mm
8	64.00mm	21	64.87mm	34	65.78mm	47	64.58mm
9	64.80mm	22	65.89mm	35	64.58mm	48	64.79mm
10	65.79mm	23	64.78mm	36	64.78mm	49	64.28mm
11	65.88mm	24	65.81mm	37	66.12mm	50	65.48mm
12	64.80mm	25	65.49mm	38	64.58mm		
13	66.00mm	26	66.12mm	39	65.12mm		

Summary: Pass: 50 pcs Fail: 0 pcs

Test Result: PASS

### TechFast Window Screw Cill Screw Self-drilling - Hardness Test 4.2mm

No.	Hardness	No.	Hardness	No.	Hardness	No	Hardness
1	58.1 HRC	14	56.1 HRC	27	55.9 HRC	40	58.2 HRC
2	57.1 HRC	15	56.2 HRC	28	56.1 HRC	41	57.4 HRC
3	55.8 HRC	16	59.9 HRC	29	57.0 HRC	42	57.7 HRC
4	55.3 HRC	17	58.4 HRC	30	56.2 HRC	43	56.9 HRC
5	57.9 HRC	18	56.2 HRC	31	56.0 HRC	44	56.7 HRC
6	56.9 HRC	19	57.8 HRC	32	57.2 HRC	45	56.2 HRC
7	58.7 HRC	20	56.8 HRC	33	56.4 HRC	46	56.9 HRC
8	56.8 HRC	21	55.7 HRC	34	55.9 HRC	47	57.3 HRC
9	57.8 HRC	22	57.8 HRC	35	58.7 HRC	48	56.8 HRC
10	55.8 HRC	23	58.7 HRC	36	55.4 HRC	49	57.1 HRC
11	58.1 HRC	24	57.9 HRC	37	56.8 HRC	50	56.3 HRC
12	57.2 HRC	25	55.9 HRC	38	57.4 HRC		
13	55.7 HRC	26	57.8 HRC	39	56.6 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:

A handwritten signature in black ink, appearing to read 'A. Armitt', is positioned below the printed name and position.