

Declaration of Performance

TechFast Masonry Screw - Hex

Document Number:
DOPTF519

1. Unique identification code of the product-type:

TechFast Masonry Screw - Hex

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. 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:

Mechanical fastener for fixing to masonry

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 Masonry Screw (Hex) - Flexural Strength Test

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

Summary : Pass: 50 pcs Fail: 0 pcs

TechFast Masonry Screw (Hex) - Withdrawal Test 6.3mm

No.	Withdrawal Force
1	1166N
2	1312N
3	1285N
4	1222N
5	1197N
6	1211N
7	1260N
8	1190N
9	1305N
10	1289N
11	1271N
12	1165N
13	1159N

No.	Withdrawal Force
14	1250N
15	1250N
16	1255N
17	1280N
18	1191N
19	1225N
20	1255N
21	1288N
22	1268N
23	1160N
24	1169N
25	1178N
26	1180N

No.	Withdrawal Force
27	1260N
28	1174N
29	1162N
30	1235N
31	1273N
32	1178N
33	1225N
34	1238N
35	1237N
36	1209N
37	1164N
38	1305N
39	1175N

No	Withdrawal Force
40	1267N
41	1215N
42	1238N
43	1255N
44	1264N
45	1245N
46	1238N
47	1160N
48	1241N
49	1292N
50	1129N

Summary : Pass: 50 pcs Fail: 0 pcs

Test Result : PASS

TechFast Masonry Screw (Hex) - Length Test (Dimension Measurement) 6.3 x 70mm

No.	Length
1	69.28mm
2	70.66mm
3	70.28mm
4	70.54mm
5	70.68mm
6	69.60mm
7	69.69mm
8	70.63mm
9	70.65mm
10	69.80mm
11	69.78mm
12	69.13mm
13	69.73mm

No.	Length
14	70.55mm
15	69.57mm
16	69.15mm
17	69.48mm
18	70.85mm
19	69.68mm
20	70.48mm
21	69.98mm
22	70.67mm
23	69.35mm
24	69.18mm
25	68.90mm
26	69.65mm

No.	Length
27	70.43mm
28	70.68mm
29	69.45mm
30	70.68mm
31	69.70mm
32	69.57mm
33	70.90mm
34	70.85mm
35	70.77mm
36	69.64mm
37	69.68mm
38	69.58mm
39	69.53mm

No	Length
40	70.09mm
41	70.18mm
42	69.51mm
43	69.47mm
44	68.78mm
45	69.47mm
46	69.78mm
47	69.75mm
48	70.55mm
49	70.59mm
50	68.77mm

Summary : Pass: 50 pcs Fail: 0 pcs

Test Result : PASS

TechFast Masonry Screw (Hex) - Hardness Test 6.3mm

No.	Hardness	No.	Hardness	No.	Hardness	No	Hardness
1	61.4 HRC	14	60.5 HRC	27	59.2 HRC	40	60.8 HRC
2	60.0 HRC	15	59.2 HRC	28	60.1 HRC	41	59.5 HRC
3	59.8 HRC	16	59.9 HRC	29	59.5 HRC	42	60.7 HRC
4	60.7 HRC	17	60.9 HRC	30	61.2 HRC	43	59.9 HRC
5	59.8 HRC	18	59.8 HRC	31	60.0 HRC	44	59.4 HRC
6	59.9 HRC	19	60.7 HRC	32	59.2 HRC	45	59.9 HRC
7	61.8 HRC	20	61.9 HRC	33	60.4 HRC	46	60.9 HRC
8	60.6 HRC	21	60.1 HRC	34	59.4 HRC	47	59.8 HRC
9	59.5 HRC	22	59.8 HRC	35	60.8 HRC	48	59.8 HRC
10	60.1 HRC	23	61.5 HRC	36	59.9 HRC	49	60.5 HRC
11	59.0 HRC	24	59.9 HRC	37	59.7 HRC	50	59.3 HRC
12	60.2 HRC	25	60.9 HRC	38	59.1 HRC		
13	59.5 HRC	26	60.6 HRC	39	61.7 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:

