DIN EN 13126-2:2011-12 (E)

Building hardware - Requirements and test methods for windows and door height windows - Part 2: Window fastener handles

Contents

Page

Foreword 3

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 Classification 7
4.1 General 7
4.2 Category of use (1 - first digit) 7
4.3 Durability (2 - second digit) 7
4.4 Mass (3 - third digit) 7
4.5 Fire resistance (4 - fourth digit) 7
4.6 Safety in use (5 - fifth digit) 8
4.7 Corrosion resistance (6 - sixth digit) 8
4.8 Security (7 - seventh digit) 8
4.9 Application (8 - eighth digit) 8
4.10 Test sizes - Size limitations (9 - ninth digit) 8

5 Requirements 9
5.1 General 9
5.2 Operating torque 9
5.3 Torsion strength 9
5.4 Tensile strength - eccentric 9
5.5 Simulated pressure 10
5.6 Pull-in 10
5.7 Durability 10
5.8 Security 10
5.8.1 General 10
5.8.2 Durability of the locking mechanism 11
5.8.3 Torque resistance of the locking mechanism / solid fixing 11
5.8.4 Twist-off resistance 11
5.8.5 Forcing off resistance 11

6 Test equipment 12

7 Test procedure 12
7.1 Samples 12
7.2 Operating torque test procedure 12
7.3 Torsion strength test procedure 13
7.4 Tensile strength test procedure - eccentric 13
7.5 Simulated pressure test procedure 13
7.6 Pull-in test 13
7.7 Durability test procedure 14
7.8 Corrosion resistance 14
7.9 Locking mechanism durability test 14
7.10 Torque resistance of the locking mechanism / solid fixing test 14
7.11 Test - Resistance against twisting-off and forcing-off 15

Annex A (informative) Tests method diagrams 16

Annex B (informative) Figures 18