

Contents

Page

European foreword.....	4
Introduction	7
1 Scope.....	8
2 Normative references	9
3 Terms and definitions	9
4 Classification.....	10
4.1 General.....	10
4.2 Category of use (1 - first digit)	10
4.3 Durability (2 - second digit).....	10
4.4 Mass (3 - third digit)	11
4.5 Fire resistance (4 - fourth digit).....	11
4.6 Safety in use (5 - fifth digit).....	11
4.7 Corrosion resistance (6 - sixth digit).....	11
4.8 Security (7 - seventh digit).....	11
4.9 Applicable part (8 - eighth digit).....	11
4.10 Test sizes (9 - ninth digit).....	11
4.11 Example of classification hardware in accordance with EN 13126-9	11
5 Requirements common to all types of hardware	12
5.1 Dangerous substances.....	12
5.2 Category of use (1 - first digit)	12
5.3 Durability (2 - second digit).....	12
5.4 Mass (3 - third digit).....	12
5.5 Fire resistance (4 - fourth digit).....	13
5.6 Safety in use (5 - fifth digit).....	13
5.7 Corrosion resistance (6 - sixth digit).....	13
5.8 Security (7 - seventh digit).....	13
5.9 Applicable part (8 - eighth digits).....	13
5.10 Test sizes (9 - ninth digits).....	14
5.11 Mechanical strength.....	14
6 Test equipment.....	14
6.1 General.....	14
6.2 Mounting of specimen	14
6.3 Test sizes.....	14
6.4 Profile and material of test windows and door height windows.....	14
6.4.1 General.....	14
6.4.2 Test specimen for hardware on timber windows and door height windows.....	14
6.4.3 Test specimen for hardware on PVC-U profile windows and door height windows	15
6.4.4 Test specimen for hardware used on aluminium or steel windows and door height windows.....	15
6.4.5 Clamping the specimen into the test-rig.....	16
7 Test methods	16
7.1 General.....	16
7.2 Lubrication of hardware.....	16
7.3 Sash-mass.....	16

7.3.1 Adjusting the sash-mass..... 16

7.3.2 Selecting the sash-mass..... 17

7.4 Resistance to corrosion..... 17

8 Test procedures 17

8.1 General 17

8.2 Durability test..... 17

8.3 Additional test requirements..... 17

8.4 Acceptance criteria 17

9 Marking 18

Annex A (informative) List of parts and titles and their reference to relevant window types..... 19

Annex B (informative) Window types 20

Bibliography 31