



DIN EN 13126-16:2022-08 (E)

Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 16 : Hardware for Lift and Slide windows
(includes Corrigendum :2022)

Contents	Page
European foreword.....	4
1 Scope	7
2 Normative references	7
3 Terms and definitions	7
4 Classification	9
4.1 General.....	9
4.2 Durability (1 – first box).....	9
4.3 Mass (2 – second box).....	9
4.4 Corrosion resistance (3 – third box)	10
4.5 Test sizes (4 – fourth box).....	10
4.6 Example of classification	10
5 Requirements	11
5.1 Dangerous substances.....	11
5.2 Additional requirements.....	11
5.2.1 Handle operation tolerance	11
5.2.2 Sliding operation crash-tests.....	12
5.2.3 Minimum closing device resistance	12
5.2.4 Resistance to additional loading	13
5.2.5 Static endurance test at ambient temperature	13
5.3 Durability.....	13
5.4 Corrosion resistance.....	13
6 Test equipment and preparation for the test	14
6.1 Test rig	14
6.2 Specimen	14
6.3 Mounting of specimen	15
7 Test procedure	15
7.1 Samples.....	15
7.2 Procedure.....	15
7.2.1 General.....	15
7.2.2 Adjusting the test mass	16
7.2.3 Lubrication and adjustment of hardware	16
7.3 Durability test.....	16
7.3.1 Description of the cycles.....	16
7.3.2 Acceptance criteria.....	19
7.4 Sliding operation crash-tests.....	19
7.4.1 Procedure – into the closed position.....	19
7.4.2 Procedure – into the opening position	19
7.4.3 Acceptance criteria.....	20
7.5 Minimum closing device resistance test.....	20
7.5.1  Hardware without tilt-function 	20
7.5.2 Hardware with tilt-function with positive control.....	20
7.6 Additional loading test.....	21
7.6.1 Procedure.....	21
7.6.2 Acceptance criteria.....	21

7.7	Static endurance test at ambient temperature	21
7.8	Corrosion resistance	21
8	Marking	21
Annex A	(informative) Test assembly	23
Annex B	(informative) Flow chart of test procedures	28
Annex C	(informative) Window types	29
Bibliography	30