

DIN EN 13126-16:2008-04 (E)

Building hardware - Requirements and test methods for windows and doors height windows - Part 16: Hardware for Lift & Slide windows and doors

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Classification	5
4.1	General	5
4.2	Category of use (1 - first digit)	5
4.3	Durability (2 - second digit)	5
4.4	Mass (3 - third digit)	5
4.5	Fire resistance (4 - fourth digit)	6
4.6	Safety in use (5 - fifth digit)	6
4.7	Corrosion resistance (6 - sixth digit)	6
4.8	Security (7 - seventh digit)	6
4.9	Application (8 - eighth digit)	6
4.10	Test Sizes (9 - ninth digit)	6
4.11	Example of classification for hardware for Lift&Slide windows and doors	7
5	Requirements	7
5.1	General	7
5.2	Additional requirements	8
5.2.1	Handle operation tolerance	8
5.2.2	Sliding operation crash-tests	8
5.2.3	Minimum closing device resistance	9
5.2.4	Resistance to additional loading	9
5.2.5	Static endurance test at ambient temperature	9
6	Test equipment	9
6.1	General	9
6.2	Specimen	10
7	Test procedure	10
7.1	Samples	10
7.2	Procedure	10
7.3	Durability test	11
7.3.1	Description of the cycles	11
7.3.2	Acceptance criteria	14
7.4	Sliding operation crash-tests	14
7.4.1	Procedure - into the closed position	14
7.4.2	Procedure - into the opening position	14
7.4.3	Acceptance criteria	15
7.5	Minimum closing device resistance test	15
7.5.1	Hardware without tilt-function	15
7.5.2	Hardware with tilt-function with positive control	15
7.6	Additional loading test	16
7.6.1	Procedure	16
7.6.2	Acceptance criteria	16
7.7	Static endurance test at ambient temperature	16

7.8	Corrosion resistance	16
	Annex A (informative) Test assembly	17
	Annex B (normative) Flow chart of test procedure	22
	Bibliography	23