

DIN EN 13126-17:2008-04 (E)

Building hardware - Requirements and test methods for windows and doors height windows - Part 17: Hardware for Tilt & 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)	5
4.6	Safety in use (5 - fifth digit)	5
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 (ninth digit)	6
4.11	Example of classification for hardware for Tilt&Slide windows and doors	7
5	Requirements	7
5.1	General	7
5.2	Additional requirements	7
5.2.1	Handle operation tolerance	7
5.2.2	Locking point variable tolerance	8
5.2.3	Sliding operation crash-tests	9
5.2.4	Minimum closing device resistance	9
5.2.5	Resistance to additional loading	9
5.2.6	Static endurance test at ambient temperature	10
6	Test equipment	10
6.1	General	10
6.2	Specimen	10
7	Test procedure	10
7.1	Samples	10
7.2	Procedure	11
7.3	Durability test	12
7.3.1	Description of the cycles	12
7.3.2	Acceptance criteria	15
7.4	Sliding operation crash-tests	16
7.4.1	Procedure - into the tilted position	16
7.4.2	Procedure - into the opening position	16
7.4.3	Acceptance criteria	16
7.5	Minimum closing device resistance test	16
7.5.1	Hardware without positive control	16
7.5.2	Hardware with positive control	17
7.6	Additional loading test	17
7.6.1	Procedure	17
7.6.2	Acceptance criteria	17

7.7	Static endurance test at ambient temperature	18
7.8	Corrosion resistance	18
	Annex A (informative) Test assembly	19
	Annex B (normative) Flow chart of test procedure	23
	Bibliography	24