

DIN EN 14648:2007-12 (E)

Building hardware - Fittings for shutters - Requirements and test methods

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Classification	7
4.1	General	7
4.2	Category of use (first digit)	7
4.3	Durability (second digit)	7
4.4	Mass (third digit)	7
4.5	Fire resistance (fourth digit)	8
4.6	Safety in use (fifth digit)	8
4.7	Corrosion resistance (sixth digit)	8
4.8	Example of classification of shutter hardware	8
5	Requirements	8
5.1	Dangerous substances	8
5.2	Category of use (first digit)	8
5.3	Durability (second digit)	9
5.4	Mass (third digit)	9
5.5	Fire resistance (fourth digit)	9
5.6	Safety in use (fifth digit)	9
5.7	Corrosion resistance (sixth digit)	10
6	Test equipment	11
6.1	Test rig	11
6.2	Beam to accommodate the frame hinges	11
6.3	Essentially the beam has a cross-section of (100 × 100) mm, and a length of 1 600 mm. Test shutter	12
6.4	Moving device	12
7	Test method)	13
7.1	Samples	13
7.2	Procedures	13
7.3	Durability test	13
7.4	Overload tests)	14
7.5	Corrosion resistance test	15
8	Marking	15
Annex A (informative)	Shutter hardware terminology	16
Annex B (informative)	Deviation after the durability test	18
Annex C (informative)	Test equipment	19
Annex D (normative)	Flow chart of test procedures	22
Bibliography		23