

DIN EN 179:2008-04 (E)

Building hardware - Emergency exit devices operated by a lever handle or push pad, for use on escape routes - Requirements and test methods

Contents		Page
Foreword		4
Introduction		5
1	Scope	7
2	Normative references	7
3	Terms and definitions	7
4	Requirements	11
4.1	Design requirements	11
4.2	Performance requirements	19
4.3	Requirements for product information	24
5	Tests - General and test apparatus	25
5.1	General	25
5.2	Test apparatus	26
6	Test methods - Procedures	28
6.1	General	28
6.2	Test procedure - Test sample A - Environmental tests	28
6.3	Test procedure - Test sample B - Design and performance tests	30
7	Classification	36
7.1	Category of use (1st character)	36
7.2	Durability (2nd character)	36
7.3	Door mass (3rd character)	36
7.4	Suitability for use on fire/smoke doors (4th character)	37
7.5	Safety (5th character)	37
7.6	Corrosion resistance (6th character)	37
7.7	Security (7th character)	37
7.8	Projection of operating element (8th character)	37
7.9	Type of operation (9th character)	38
7.10	Field of door application (10th character)	38
7.11	Example of classification	38
8	Marking	39
8.1	On the product	39
8.2	On the packaging	39
8.3	On the installation instructions	39
8.4	Mortise lock combined with a separate operating element	40
9	Evaluation of conformity	40
9.1	Initial type test	40
9.2	Sampling, testing and conformity criteria	41
9.3	Factory production control	42
9.4	Periodic testing (for all products)	46
9.5	Annual testing (for all products)	47
Annex A (normative)	Installation and fixing instructions	48

Annex B (normative) Additional requirements for emergency exit devices intended for use on smoke/fire resisting door assemblies	51
Annex C (normative) Maintenance instructions	53
Annex D (normative) Flow chart of test procedure	54
Annex E (informative) Guidance for choosing relevant product standards for particular exit door applications	55
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 89/106/EEC, EU Construction Products Directive	56
Bibliography	61