

DIN EN 16361:2013-12 (E)

Power operated pedestrian doors - Product standard, performance characteristics - Pedestrian doorsets, other than swing type, initially designed for installation with power operation without resistance to fire and smoke leakage characteristics

Contents		Page
Foreword		4
1	Scope	5
2	Normative references	6
3	Terms and definitions	7
4	Requirements	7
4.1	General	7
4.2	Rate of release of dangerous substances (only for indoor impact)	7
4.3	Impact resistance (only for glazed doors with injury risks)	8
4.4	Height	8
4.5	Direct airborne sound insulation index (only for uses where acoustic performance is declared)	8
4.6	Impact forces (safety in use)	8
4.7	Water tightness (only for external doors)	8
4.8	Resistance to wind load (only for external doors)	9
4.9	Thermal transmittance (only for external doors and for internal doors where the thermal insulation is declared)	10
4.10	Air permeability (only for external doors and for internal doors where thermal insulation is declared)	10
4.11	Durability	11
4.11.1	General	11
4.11.2	Durability	12
4.12	Electromagnetic compatibility (EMC)	12
4.13	Other requirements	13
4.13.1	Glazing	13
4.13.2	Unframed glass doorsets	13
4.13.3	Doorsets in escape routes and emergency exits	13
4.13.4	Burglar resistance	13
5	Testing, assessment and sampling methods	13
5.1	General	13
5.2	Rate of release of dangerous substances (only for indoor impact)	13
5.3	Impact resistance (only for glazed doors with injury risks)	13
5.4	Height	13
5.5	Direct airborne sound insulation index (only for uses where acoustic performance is declared)	13
5.6	Impact forces (safety in use)	13
5.7	Water tightness (only for external doors)	14
5.8	Resistance to wind load (only for external doors)	14
5.9	Thermal transmittance (only for external doors and for internal doors where thermal insulation is declared)	14
5.10	Air permeability (only for external doors and for internal doors where thermal insulation is declared)	14
5.11	Durability	14
5.12	Electromagnetic compatibility (EMC)	14
5.12.1	Verification	14

5.12.2	Test for electromagnetic emissions	14
5.12.3	Tests for immunity to disturbances	15
6	Evaluation of conformity	15
6.1	General	15
6.2	Initial Type Testing - Type Testing	15
6.2.1	General	15
6.2.2	Test samples, testing and compliance criteria	16
6.2.3	Test reports	17
6.3	Factory production control (FPC)	17
6.3.1	General	17
6.3.2	Requirements	17
6.3.3	Product specific requirements	20
6.3.4	Initial inspection of factory and of FPC	21
6.3.5	Continuous surveillance of FPC for products covered by attestation of conformity system 1	22
6.3.6	Procedure for modifications	22
6.3.7	One-off products, pre-production products (e.g. prototypes) and products produced in very low quantity	22
Annex A (normative) Standards and draft standards on glass		24
Annex B (informative) Summary of the characteristics		25
B.1	Summary of the characteristics of power operated pedestrian doorsets, other than swing type, initially designed for installation with power operation without resistance to fire and smoke leakage characteristics	25
Annex C (informative) Handling, installation, maintenance and care		27
Annex D (informative) Summary of classification of characteristics		28
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive		32
ZA.1	Scope and relevant characteristics	32
ZA.2	Procedure for the attestation of conformity of power operated doorsets, other than swing type, initially designed for installation with power operation without resistance to fire and smoke leakage characteristics	36
ZA.2.1	System(s) of attestation of conformity	36
ZA.2.2	EC Certificate and Declaration of conformity	38
ZA.3	CE marking and labelling	39
Annex ZB (informative) Relationship between this European Standard and the Essential Requirements of the EMC Directive		43
Bibliography		44