

DIN EN 13245-2:2010-11 (E)

Plastics - Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications - Part 2: PVC-U profiles and PVC-UE profiles for internal and external wall and ceiling finishes (includes Corrigendum AC:2009)

Contents		Page
Foreword		4
1	Scope	6
2	Normative references	6
3	Terms and definitions	7
4	Performance requirements	7
4.1	Reaction to fire	7
4.2	Resistance to fixings	8
4.3	Mechanical resistance	8
4.3.1	General	8
4.3.2	PVC-U profiles	8
4.3.3	PVC-UE profiles	8
4.4	Durability	8
4.4.1	Profiles for internal use	8
4.4.2	Profiles for external use	8
5	Evaluation of conformity	9
5.1	General	9
5.2	Initial type testing	9
5.2.1	General	9
5.2.2	Sampling, testing and conformity criteria	9
5.3	Factory production control (FPC)	11
5.3.1	General	11
5.3.2	FPC requirements for all manufacturers	11
5.4	One-off products, prototypes and products produced in very low quantities	12
6	Marking	13
Annex A (normative)	Mounting and fixing conditions of PVC-U profiles and PVC-UE profiles in the SBI test apparatus and direct application rules (see 4.1)	14
A.1	Mounting and fixing conditions	14
A.2	Direct application rules and related parameters	17
A.2.1	Terms and definitions	17
A.2.2	Parameters	18
A.2.3	Direct application rules	19
Annex B (normative)	Impact resistance of PVC-UE profiles (see 4.3.3, 4.4.1.2 and 4.4.2.2 a))	21
B.1	Principle	21
B.2	Apparatus	21
B.3	Test specimens	23
B.4	Conditioning	23
B.5	Procedure	23
B.6	Expression of results	24

Annex C (normative) Artificial ageing (fluorescent UV lamps) or natural ageing and codification of results (see 4.4.2.2 a)	25
C.1 General	25
C.2 Test method for artificial ageing	25
C.3 Test method for natural ageing	25
C.4 Codification of results to impact resistance testing after ageing	25
Annex D (normative) Charpy impact strength and codification of results (see 4.4.2.2 b)	27
D.1 General	27
D.2 Impact strength test method	27
D.3 Codification of results to impact strength testing after ageing	27
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive	28
ZA.1 Scope and relevant characteristics	28
ZA.2 Procedure for attestation of conformity of PVC-U profiles and PVC-UE profiles for internal and external wall and ceiling finishes	31
ZA.3 CE marking and labelling	34
Bibliography	38