

DIN EN 13245-1:2026-02 (E)

Plastics - Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications - Part 1: Designation of PVC-U profiles

Contents		Page
European foreword		3
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
3.2	Type of profile	7
4	Designation of PVC-U profiles	8
5	Codification system for Data block 3 to Data block 5	8
5.1	Vicat softening temperature (Data block 3)	8
5.2	Modulus of elasticity in flexure (Data block 3)	9
5.3	Nominal linear mass (Data block 4)	9
5.4	Heat reversion at 100 °C (Data block 4)	10
5.5	Impact resistance (Data block 4)	10
5.6	Durability (Data block 5)	10
5.6.1	General	10
5.6.2	Test methods for ageing	11
5.6.3	Methods for assessing of ageing	12
5.6.4	Codification for properties after ageing	12
6	Required characteristics for Type 3, Type 4 and Type 5 profiles	14
7	Optional characteristics	15
7.1	Resistance to staining	15
7.2	Application and appearance of the surface finishing (only for Type 3, Type 4 and Type 5 profiles)	15
7.2.1	General	15
7.2.2	Single colour profiles	15
7.2.3	Non-uniform colour and texture profiles	15
7.2.4	Gloss	15
8	Example of the designation of a PVC-U profile	16
9	Use of rPVC-U or IRM	16
10	Design for recycling	16
Annex A (normative) Determination of the linear mass		17
Annex B (normative) Determination of the impact resistance		18
Annex C (normative) Determination of peel strength using a constant-load tensile test		21
Bibliography		24