

Plastics — Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications —

Part 1: Designation of light coloured profiles

The European Standard EN 13245-1:2004 has the status of a
British Standard

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National foreword

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 15 and a back cover.

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profiles**

Plastiques - Profilés en poly(chlorure de vinyle) non plastifié
(PVC-U) pour applications dans le bâtiment - Partie 1 :
Désignation des profilés de coloris clair

Kunststoffe - Profile aus weichmacherfreiem
Polyvinylchlorid (PVC-U) für die Anwendung im Bauwesen -
Teil 1: Bezeichnung von hellfarbigen Profilen

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Foreword

This document (EN 13245-1:2004) has been prepared by Technical Committee CEN/TC 249 “Plastics”, the secretariat of which is held by IBN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2005, and conflicting national standards shall be withdrawn at the latest by June 2006.

This document EN 13245 consists of the following parts, under the general title *Plastics – Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications*:

- *Part 1: Designation of light coloured profiles*
- *Part 2: Profiles for internal and external wall and ceiling finishes.*
- *Part 3: Designation of coloured profiles*
- *Part 4: Designation of light coloured cellular unplasticized poly(chloride) (PVC-UE) profiles*
- *Part 5: Designation of coloured cellular unplasticized poly(chloride) (PVC-UE) profiles*

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1 Scope

This part of EN 13245 specifies a method for the designation of light coloured profiles made of unplasticized poly(vinyl chloride) (PVC-U) intended to be used for building applications and gives the relevant test methods. It is intended to be used in product specification when application is specified.

Pipes for the distribution of water, of gas or other fluids, as well as discharge and sewage pipes, profiles for the management of electrical power cables, communication cables and power track systems used for the distribution of electrical power, profiles for windows or doors and profiles made from expanded PVC are not covered by this document.¹⁾

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 477:1995, *Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors — Determination of the resistance to impact of main profiles by falling mass.*

EN 479, *Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors — Determination of heat reversion.*

EN 513:1999, *Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors — Determination of the resistance to artificial weathering.*

EN ISO 178, *Plastics — Determination of flexural properties (ISO 178:2001)*

EN ISO 306:1996, *Plastics — Thermoplastics materials — Determination of Vicat softening temperature (VST) (ISO 306:1994).*

EN ISO 1163-2, *Plastics — Unplasticized poly(vinyl chloride) (PVC-U) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties (ISO 1163-2:1995).*

EN ISO 4892-2:1999, *Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc sources (ISO 4892-2:1994).*

EN ISO 8256:1996, *Plastics — Determination of tensile-impact strength (ISO 8256:1990, including Technical corrigendum 1:1991).*

ISO 7724-1, *Paints and varnishes — Colorimetry — Part 1: Principles.*

ISO 7724-2, *Paints and varnishes — Colorimetry — Part 2: Colour measurement.*

ISO 7724-3, *Paints and varnishes — Colorimetry — Part 3: Calculation of colour differences.*

1) Products that are excluded are in the scopes of CEN/TC 33, CEN/TC 155, CENELEC/TC 213.