

Plastikud. Ehituslikud plastifitseerimata polüvinüülkloriidist (PVC-U) profiilid. Osa 2: Sise- ja välisseinte ja lae viimistlusprofiilid

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

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 13245-2:2008 sisaldab Euroopa standardi EN 13245-2:2008 ingliskeelset teksti.

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Aru 10 Tallinn 10317 Eesti; www.evs.ee; Telefon: 605 5050; E-post: info@evs.ee

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English Version

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

Plastiques - Profilés en poly(chlorure de vinyle) non plastifié (PVC-U) pour applications dans le bâtiment - Partie 2: Profilés en PVC-U et profilés en PVC-UE pour finitions des murs et plafonds intérieurs et extérieurs

Kunststoffe - Profile aus weichmacherfreiem Polyvinylchlorid (PVC-U) für die Anwendung im Bauwesen - Teil 2: Profile aus PVC-U und Profile aus PVC-UE für Wand- und Deckenbekleidungen für Innen- und Außenanwendungen

This European Standard was approved by CEN on 25 July 2008.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN 13245-2:2008) has been prepared by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by NEN.

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 2009, and conflicting national standards shall be withdrawn at the latest by June 2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EC Directive(s).

For relationship with EC Directive(s), see informative Annex ZA, which is an integral part of 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: PVC-U profiles and PVC-UE profiles for internal and external wall and ceiling finishes*
- *Part 3: Designation of coated/coloured PVC-U profiles*
- *Part 4: Designation of light coloured PVC-UE profiles*
- *Part 5: Designation of coated/coloured PVC-UE profiles*

This European Standard is one of standards addressing PVC-U profiles and PVC-UE profiles for building applications (see Table 1).

Table 1 — Relationship between various standards

Designation standards for PVC-U profiles	EN 13245-1, Designation of PVC-U profiles (<i>in revision</i>)
	prEN 13245-3, Designation of coated/coloured PVC-UE profiles (<i>in preparation</i>)
Product standards ^a	EN 13245-2, 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 (<i>standard prepared by CEN/TC 249</i>)
	EN 13659, Shutters — Performance requirements including safety (<i>standard prepared by CEN/TC 33</i>)
	EN 14351-1, Windows and doors — Product standard, performance characteristics - Part 1: Windows and external pedestrian doorsets without resistance to fire and/or smoke leakage characteristics (<i>standard prepared by CEN/TC 33</i>)
Semi-products standard	EN 12608, Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors — Classification, requirements and test methods (<i>standard prepared by CEN/TC 33</i>)
^a Standards to provide possibility for the CE marking.	

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies the health and safety requirements for unplasticized poly(vinyl chloride) (PVC-U) profiles and cellular unplasticized poly(vinyl chloride) (PVC-UE) profiles for interior and exterior wall and ceiling finishes. It also specifies methods for the evaluation of conformity of the products to the requirements, and includes requirements for their marking.

The products are intended for use as wall and ceiling finishes for internal and external applications according to the manufacturer's specifications, which may include specifications for the fixings.

Profiles for the management of electrical power cables, communication cables and power track systems used for the distribution of electrical power, roofline products (fascia and soffit) including guttering, internal trim profiles including window boards and profiles for windows or doors are not covered by this European Standard.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 13245-1:2004, *Plastics — Unplasticized poly(vinyl chloride) (PVC-U) profiles for building applications — Part 1: Designation of light coloured profiles*

EN 13501-1, *Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests*

EN 13823, *Reaction to fire tests for building products — Building products excluding floorings exposed to the thermal attack by a single burning item*

EN ISO 179-1, *Plastics — Determination of Charpy impact properties — Part 1: Non-instrumented impact test (ISO 179-1:2000)*

EN ISO 4892-3, *Plastics — Methods of exposure to laboratory light sources — Part 3: Fluorescent UV lamps (ISO 4892-3:2006)*

EN ISO 8256, *Plastics — Determination of tensile-impact strength (ISO 8256:2004)*

EN ISO 9001:2000, *Quality management systems — Requirements (ISO 9001:2000)*

EN ISO 11925-2, *Reaction to fire tests — Ignitability of building products subjected to direct impingement of flame — Part 2: Single-flame source test (ISO 11925-2:2002)*

1) Products that are excluded are in the scopes of standards prepared by CEN/TC 33 or CENELEC/TC 213. Further works in CEN/TC 249 will develop specifications for internal trim profiles including window boards and roofline products.