

Eaves gutters and fittings made of PVC-U - Definitions, requirements and testing

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 607:2005 sisaldab Euroopa standardi EN 607:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 25.01.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 607:2005 consists of the English text of the European standard EN 607:2004.</p> <p>This document is endorsed on 25.01.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This European Standard specifies requirements and test methods of eaves gutters and fittings made from unplasticized poly(vinyl chloride) (PVC-U), and intended to be used for rainwater drainage.</p>	<p>Scope: This European Standard specifies requirements and test methods of eaves gutters and fittings made from unplasticized poly(vinyl chloride) (PVC-U), and intended to be used for rainwater drainage.</p>
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Võtmesõnad:

English version

Eaves gutters and fittings made of PVC-U - Definitions, requirements and testing

Gouttières pendantes et leurs raccords en PVC-U -
Définitions, exigences et méthodes d'essai

Hängedachrinnen und Zubehörteile aus PVC-U - Begriffe,
Anforderungen und Prüfung

This European Standard was approved by CEN on 15 July 2004.

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Foreword

This document (EN 607:2004) has been prepared by Technical Committee CEN/TC 128 "Roof covering products for discontinuous laying and products for wall cladding", 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of an identical text or by endorsement, at the latest by May 2005, and conflicting national standards shall be withdrawn at the latest by May 2005.

This document supersedes EN 607:1995.

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

1 Scope

This document specifies requirements and test methods of eaves gutters and fittings made from unplasticized poly(vinyl chloride) (PVC-U), and intended to be used for rainwater drainage.

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.

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| EN 513 | <i>Unplasticized polyvinyl chloride (PVC-U) profiles for the fabrication of windows and doors – Determination of the resistance to artificial weathering</i> |
| EN 638 | <i>Plastics piping and ducting systems – Thermoplastics pipes – Determination of tensile properties</i> |
| EN 681-1 | <i>Elastomeric seals - Materials requirements for pipe joint seals used in water and drainage applications - Part 1: Vulcanized rubber</i> |
| EN 681-2 | <i>Elastomeric Seals - Materials requirements for pipe joint seals used in water and drainage applications - Part 2: Thermoplastic elastomers</i> |
| EN 681-3 | <i>Elastomeric seals - Materials requirements for pipe joint seals used in water and drainage applications - Part 3: Cellular materials of vulcanized rubber</i> |
| EN 681-4 | <i>Elastomeric seals - Materials requirements for pipe joint seals used in water and drainage applications – Part 4: Cast polyurethane sealing elements</i> |
| EN 727 | <i>Plastics piping and ducting systems – Thermoplastics pipes and fittings – Determination of Vicat softening temperature (VST)</i> |
| EN 743 | <i>Plastics piping and ducting systems – Thermoplastics pipes – Determination of the longitudinal reversion</i> |
| EN 763 | <i>Plastics piping and ducting systems - Injection-moulded thermoplastics fittings - Test method for visually assessing effects of heating</i> |
| EN 922 | <i>Plastics piping and ducting systems – Pipes and fittings of unplasticized poly(vinyl chloride) (PVC-U) – Specimen preparation for determination of the viscosity number and calculation of the K-value</i> |
| EN 1905 | <i>Plastics piping systems – Unplasticized poly(vinyl chloride) (PVC-U) pipes, fittings and material – Method for assessment of the PVC content based on total chlorine content</i> |
| EN 10204:1991 | <i>Metallic products – Types of inspection documents</i> |
| EN 20105-A02 | <i>Textiles - Tests for colour fastness – Part A02: Grey scale for assessing change in colour (ISO 105-A02:1993)</i> |
| EN ISO 527-2 | <i>Plastics - Determination of tensile properties - Part 2: Test conditions for moulding and extrusion plastics (ISO 527-2:1993 including Corr 1:1994)</i> |
| EN ISO 1183-3 | <i>Plastics - Methods for determining the density of non-cellular plastics - Gas pycnometer method (ISO 1183-3:1999)</i> |

EN ISO 4892-2	<i>Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon arc sources (ISO 4892-2:1994)</i>
EN ISO 4892-3	<i>Plastics – Methods of exposure to laboratory light sources – Part 3: Fluorescent UV lamps (ISO 4892-3:1994)</i>
EN ISO 8256	<i>Plastics - Determination of tensile-impact strength (ISO 8256:1990, including Technical Corrigendum 1:1991)</i>

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

eaves gutter

gutter situated outside the building and supported by brackets

3.2

down-pipe

pipe fitted to a gutter to lead rainwater from the gutter to the drainage system or sewer

3.3

union-clip (gutter-union)

fitting for joining two gutters and supported only by those gutters

3.4

joint bracket (union-bracket)

fitting for joining two gutters which is supported by the building structure

3.5

gutter adaptor

fitting for joining two different shaped gutters

3.6

angle

fitting for joining two gutters installed in two different directions

3.7

stop end

fitting for stopping the flow, fixed at the end of a gutter or an outlet

3.8

outlet

fitting for draining off the rainwater from the gutter into the down-pipe

3.9

commercial length

length of a gutter or a down-pipe which was produced in a factory