

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

The European Standard EN 607:2004 has the status of a British Standard

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National foreword

This British Standard is the official English language version of EN 607:2004. It supersedes BS EN 607:1996. Together with BS EN 12200-1:2000 and BS EN 1462:2005 it will replace BS 4576-1:1989 which is scheduled for withdrawal in September 2007.

The UK participation in its preparation was entrusted by Technical Committee PRI/88, Plastics piping systems, to Subcommittee PRI/88/1, Plastics piping systems for non-pressure applications, which has the responsibility to:

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Summary of pages

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Définitions, exigences et méthodes d'essai

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

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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of an identical text or by endorsement, at the latest by May 2005, and conflicting national standards shall be withdrawn at the latest by May 2005.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.

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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.

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