

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

The European Standard EN 607:1995 has the status of a
British Standard

ICS 91.140.80

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PRI/61, Plastics piping systems and components, upon which the following bodies were represented:

- British Gas plc
- British Plastics Federation
- British Plumbing Fittings Manufacturers' Association
- British Valve and Actuator Manufacturers' Association
- Department of the Environment (British Board of Agrément)
- Department of the Environment (Building Research Establishment)
- Department of the Environment (Property and Buildings Directorate)
- Department of Transport
- Electricity Association
- Federation of Civil Engineering Contractors
- Health and Safety Executive
- Institute of Building Control
- Institute of Materials
- Institution of Civil Engineers
- Institution of Gas Engineers
- Institution of Water and Environmental Management
- National Association of Plumbing, Heating and Mechanical Services Contractors
- Pipeline Industries Guild
- Plastics Land Drainage Manufacturers' Association
- Society of British Gas Industries
- Society of British Water Industries
- Water Companies Association
- Water Services Association of England and Wales

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- British Adhesives and Sealants Association
- Institute of Plumbing
- Land Drainage Contractors' Association
- National Association of Agricultural Contractors

This British Standard, having been prepared under the direction of the Sector Board for Materials and Chemicals, was published under the authority of the Standards Board and comes into effect on 15 February 1996

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The following BSI references relate to the work on this standard:
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Amendments issued since publication

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Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
Text of EN 607	3
List of references	Inside back cover

National foreword

This British Standard has been prepared by Technical Committee PRI/61 and is the English language version of EN 607:1995 *Eaves gutters and fittings made of PVC-U — Definitions, requirements and testing*, published by the European Committee for Standardization (CEN).

BS EN 607 is potentially a partial revision of BS 4576 *Unplasticized polyvinyl chloride (PVC-U) rainwater goods and accessories: Part 1:1989 Half-round gutters and pipes of circular cross section*, but the overlap of the scopes of these two standards does not allow for a simple one-to-one revision.

BS 4576-1 covers complete systems, based on half-round gutters and circular section downpipes and their respective supports, and associated requirements for installation and testing.

BS EN 607 covers gutters of any shape, including half-round, but is dependent upon the completion and implementation of other standards under preparation to cover gutter fixing brackets and rafter arm brackets (to be EN 1462) and to cover rainwater pipes of circular and/or other cross sections (to be covered by EN 12200). These complementary standards for BS EN 607 are expected to become available at successive intervals.

PRI/61 has therefore concluded that it is not practicable to amend BS 4576-1 piecemeal as each of the partly relevant European Standards is finalized, nor reasonable to withdraw BS 4576-1:1989 in whole or part until sufficient European Standards have been published to provide a package which enables a complete PVC-U rainwater system to be assembled in accordance therewith.

The UK did not approve of either pr EN 607 or the final draft for EN 607. The UK Committee is particularly concerned by the lack of a minimum wall thickness in the absence of a loading test and the lack of interchangeability with existing products conforming to BS 4576-1. The Committee is also concerned that Annex C is inadequate. The committee would therefore welcome comments arising from any aspects of the application of this standard for consideration at the first review of this standard.

Product certification. Users of this British Standard are advised to consider the desirability of third party certification of product conformity. Enquiries as to the availability of third party certification schemes are forwarded by BSI to the Association of Certification Bodies. If a third party certification scheme does not already exist, users should consider approaching an appropriate body from the list of Association members.

Textual errors. When adopting the text of the European Standard, the textual errors listed below were discovered. They have been marked in the text and have been reported to CEN in a proposal to amend the text of the European Standard.

Clause 2 Normative references

Textual error	Correction
EN 638:1992	EN 638:1994
EN 727:1992	EN 727:1994
prEN 743	EN 743:1994
prEN 763	EN 763:1994
ISO 105-A02:1987	ISO 105-A02:1993

Cross-references

Publication referred to	Corresponding British Standard
EN 638:1994	BS EN 638:1995 <i>Plastics piping and ducting systems — Thermoplastics pipes — Determination of tensile properties</i> (BS 2782:Method 1110B:1995)
EN 727:1994	BS EN 727:1995 <i>Plastics piping and ducting systems — Thermoplastics pipes and fittings — Determination of Vicat softening temperature (VST)</i> (BS 2782:Method 1103V:1995)
EN 743:1994	BS EN 743:1995 <i>Plastics piping and ducting systems — Thermoplastics pipes — Determination of the longitudinal reversion</i> (BS 2782:Methods 1102A and 1102B:1995)
EN 763:1994	BS EN 763:1995 <i>Plastics piping and ducting systems — Injection-moulded thermoplastics fittings — Test methods for visually assessing effects of heating</i> (BS 2782:Methods 1103A and 1103B:1995)
ISO 105-A02:1993	BS EN 20105-A02:1995 <i>Grey scale for assessing change in colour</i>
ISO 8256:1990	BS 2782 <i>Methods of testing plastics</i> Part 3 <i>Mechanical properties</i> Methods 354A and 354B:1991 <i>Determination of tensile-impact strength</i>

NOTE 1 Reference is also made to ISO/DIS 4892-2. This has since been superseded by publication of ISO 4892-2:1994, which has been accepted by CEN for publication as EN ISO 4892-2. When that is published it is intended that the corresponding British Standard will carry the references BS EN ISO 4892-2 and BS 2782-5:Method 540E.

NOTE 2 Reference is also made to ISO/DIS 4892-3. This has since been superseded by publication of ISO 4892-3:1994, which has been accepted by CEN for publication as EN ISO 4892-3. When that is published it is intended that the corresponding British Standard will carry the references BS EN ISO 4892-3 and BS 2782-5:Method 540F.

WARNING NOTE. This British Standard, which is identical with EN 607:1995, does not necessarily detail all the precautions necessary to meet the requirements of the Health and Safety at Work etc. Act 1974. Attention should be paid to any appropriate safety precautions and the test methods should be operated only by trained personnel.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN title page, pages 2 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.