

Plastics piping systems for non-pressure drainage and sewerage — Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) —

Part 5: Fitness for purpose of the joints

The European Standard EN 1636-5:1997 has the status of a British Standard

ICS 23.040.01

National foreword

This British Standard is the official English language version of EN 1636-5:1997.

The UK participation in its preparation was entrusted by Technical Committee PRI/88, Plastic piping systems, to Subcommittee PRI/88/2, Pressure, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Additional information

The UK committee involved in the preparation of BS EN 1636-5 has raised concerns about the publication of this standard. The UK opposition is largely due to the lack of consideration given to the fundamental production specifications, which has led the committee to question the usability of this standard.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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.

This British Standard, having been prepared under the direction of the Sector Committee for Materials and Chemicals, was published under the authority of the Standards Committee and comes into effect on 15 June 2001

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 13 and a back cover.

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English version

Plastics piping systems for non-pressure drainage and sewerage
— Glass-reinforced thermosetting plastics (GRP) based on
unsaturated polyester resin (UP) — Part 5: Fitness for purpose
of the joints

Systèmes de canalisations en plastique pour l'évacuation et
l'assainissement sans pression — Plastiques
thermodurcissables renforcés de verre (PRV) à base de
résine de polyester non saturé (UP) — Partie 5: Aptitude à
l'emploi des assemblages

Kunststoff-Rohrleitungssysteme für drucklose
Entwässerungs- und Abwasserleitungen —
Glasfaserverstärkte duroplastische Kunststoffe (GFK) auf
der Basis von ungesättigtem Polyesterharz (UP) — Teil 5:
Gebrauchstauglichkeit der Verbindungen

This European Standard was approved by CEN on 1997-02-27.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 155, Plastics piping systems and ducting systems, the Secretariat of which is held by NNI.

This standard is part of a System Standard for plastics piping systems, which is a standard for glass-reinforced polyester plastics piping systems for non-pressure drainage and sewerage.

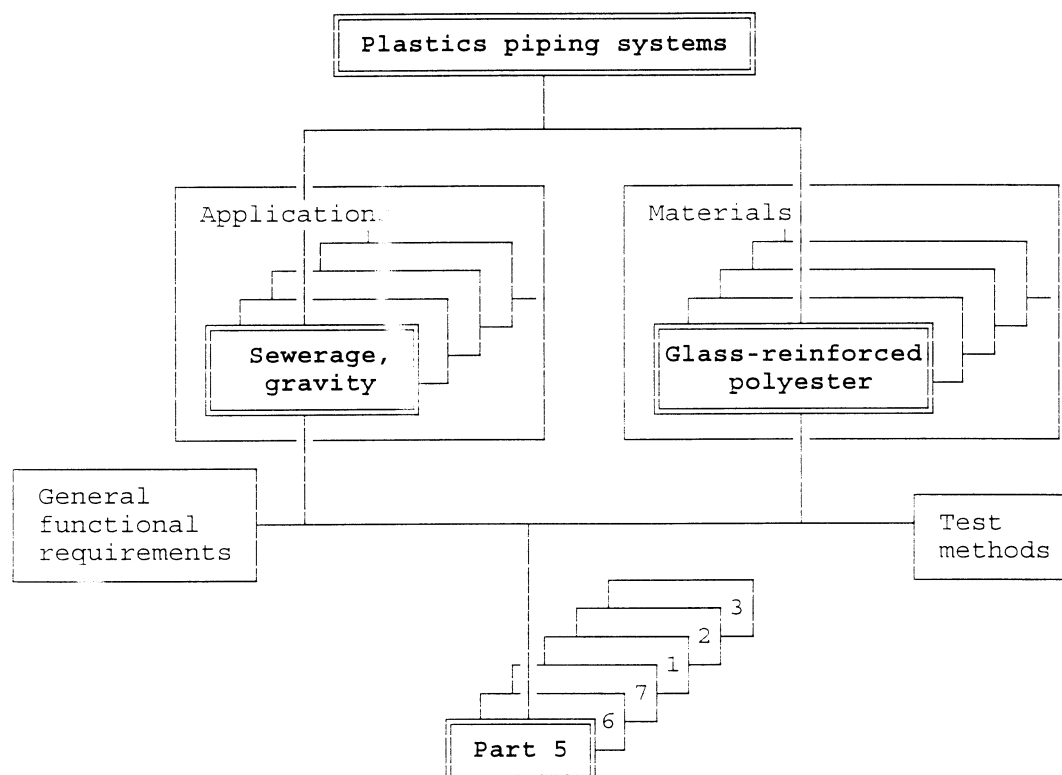
System Standards are based on the results of the work being undertaken in ISO/TC 138, Plastics pipes, fittings and valves for the transport of fluids, which is a Technical Committee of the International Organization for Standardization (ISO). They are supported by separate standards on test methods to which references are made throughout the System Standard.

System Standards are consistent with standards on general functional requirements and on practices for installation.

EN 1636 consists of the following parts, under the general *title Plastics piping systems for non-pressure drainage and sewerage — Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP)*.

- *Part 1: General.*
- *Part 2: Pipes with flexible, reduced-articulation or rigid joints.*
- *Part 3: Fittings.*
- *Part 5: Fitness for purpose of the joints (this standard).*
- *Part 6: Practices for installation.*
- *Part 7: Assessment of conformity.*

The following diagram indicates the place of this standard within the CEN framework of plastics piping systems:



At the date of publication of this standard, System Standards for piping systems of other plastics materials used for the same application are the following:

NOTE: All listed System Standards are under preparation.

EN 1401	<i>Plastics piping systems for non-pressure underground drainage and sewerage — Unplasticized poly(vinyl chloride) (PVC-U).</i>
EN 1852	<i>Plastics piping systems for non-pressure underground drainage and sewerage — Polypropylene (PP).</i>
EN [155wi009]	<i>Plastics piping systems for non-pressure underground drainage and sewerage — Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U).</i>
EN [155wi010]	<i>Plastics piping systems for non-pressure underground drainage and sewerage — Structured-wall piping systems of polypropylene (PP).</i>
EN [155wi011]	<i>Plastics piping systems for non-pressure underground drainage and sewerage — Structured-wall piping systems of polyethylene (PE).</i>
EN [155wi012]	<i>Plastics piping systems for non-pressure underground drainage and sewerage — Polyethylene (PE).</i>