



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 1636-5:1998

ICS 23.040.01

**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**

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Údarás um Chaighdeáin Náisiúnta na hÉireann



**DECLARATION**

OF

SPECIFICATION

ENTITLED

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

AS

THE IRISH STANDARD SPECIFICATION FOR

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

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NSAI in exercise of the power conferred by section 16 (3) of the National Standards Authority of Ireland Act, 1966 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (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) Declaration, 1998.
2. (1) The Specification set forth in the schedule to this declaration is hereby declared to be the standard specification for 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 Schedule comprises the text of EN 1636-5:1997.  
(2) The said standard specification may be cited as Irish Standard EN 1636-5:1998 or as I.S. EN 1636-5:1998.



EUROPEAN STANDARD

EN 1636-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 1997

ICS 23.040.01

Descriptors: plastics, pipe, fitting, underground, drainage, sewerage, non-pressure, glass-reinforced plastics, polyester, thermosetting resins

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.

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**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

## 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

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