



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 1115-1:1998

ICS 23.040.01

**PLASTICS PIPING SYSTEMS FOR
UNDERGROUND DRAINAGE AND
SEWERAGE UNDER PRESSURE -
GLASS-REINFORCED THERMOSETTING
PLASTICS (GRP) BASED ON
UNSATURATED POLYESTER RESIN (UP) -
PART 1: GENERAL**

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on.
May 15, 1998*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 1998

Price Code I

Údarás um Chaighdeáin Náisiúnta na hÉireann

DECLARATION

OF

SPECIFICATION

ENTITLED

PLASTICS PIPING SYSTEMS FOR UNDERGROUND DRAINAGE AND SEWERAGE
UNDER PRESSURE - GLASS-REINFORCED THERMOSETTING PLASTICS (GRP)
BASED ON UNSATURATED POLYESTER RESIN (UP) - PART 1: GENERAL

AS

THE IRISH STANDARD SPECIFICATION FOR

PLASTICS PIPING SYSTEMS FOR UNDERGROUND DRAINAGE AND SEWERAGE
UNDER PRESSURE - GLASS-REINFORCED THERMOSETTING PLASTICS (GRP)
BASED ON UNSATURATED POLYESTER RESIN (UP) - PART 1: GENERAL

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 underground drainage and sewerage under pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Part 1: General) 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 underground drainage and sewerage under pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Part 1: General. The Schedule comprises the text of EN 1115-1:1997.
(2) The said standard specification may be cited as Irish Standard EN 1115-1:1998 or as I.S. EN 1115-1:1998.

EUROPEAN STANDARD

EN 1115-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 1997

ICS 23.040.01

Descriptors: sanitation, water removal, buried pipes, pressure pipes, plastic tubes, reinforced plastics, glass reinforced plastics, thermosetting resins, polyester resins, generalities

English version

**Plastics piping systems for underground drainage and sewerage
under pressure - Glass-reinforced thermosetting plastics (GRP)
based on unsaturated polyester resin (UP) - Part 1: General**

Systèmes de canalisations en plastique pour l'évacuation
et l'assainissement enterrés sous pression - Plastiques
thermodurcissables renforcés de verre (PRV) à base de
résine de polyester non saturé (UP) - Partie 1: Généralités

Kunststoff-Rohrleitungssysteme für erdverlegte
Druckentwässerung und Druckabwasserleitungen -
Glasfaserverstärkte duroplastische Kunststoffe (GFK) auf
der Basis von ungesättigtem Polyesterharz (UP) - Teil 1:
Allgemeines

This European Standard was approved by CEN on 16 August 1997.

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.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPAISCHES 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 a part of a System Standard for plastics piping systems, which is a standard for glass-reinforced polyester plastics piping systems for underground drainage and sewerage under pressure.

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.

Annex A, which is informative, describes the primary functions of the inner, structural and outer layers of the pipe wall.

Annex B, which is informative, gives a bibliography which identifies the documents upon which this System Standard is based.

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

EN 1115 consists of the following parts, under the general title *Plastics piping systems for underground drainage and sewerage under pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP)*

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

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-