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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

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Údarás um Chaighdeáin Náisiúnta na hÉireann

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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.

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1115-1

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.

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EUROPAISCHES KOMITEE FÜR NORMUNG

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Ref. No. EN 1115-1:1997 E

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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 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 Internaticnal 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 consistant 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*

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