



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 13566-1:2003

ICS 93.030

**PLASTICS PIPING SYSTEMS FOR
RENOVATION OF UNDERGROUND
NON-PRESSURE DRAINAGE AND
SEWERAGE NETWORKS - 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:
February 14, 2003*

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

© NSAI 2003

Price Code H

Údarás um Chaighdeán Náisiúnta na hÉireann

This is a free 6 page sample. Access the full version online.

ICS 93.030

English version

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 1: General

Rénovation des réseaux d'assainissement gravitaires enterrés par canalisations plastiques - Partie 1: Généralités

Kunststoff-Rohrleitungssysteme für die Renovierung von erdverlegten drucklosen Entwässerungsnetzen (Freispiegelleitungen) - Teil 1: Allgemeines

This European Standard was approved by CEN on 4 November 2002.

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 Management Centre 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 Management Centre 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, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents

	page
Foreword	4
Introduction	6
1 Scope	7
2 Normative references	7
3 Terms and definitions, symbols and abbreviations	7
3.1 Terms and definitions.....	7
3.2 Symbols and abbreviations.....	12
4 Pipes at the "M" stage	13
4.1 Materials.....	13
4.2 General characteristics	13
4.3 Material characteristics	13
4.4 Geometric characteristics.....	13
4.5 Mechanical characteristics	13
4.6 Physical characteristics.....	14
4.7 Jointing.....	14
4.8 Marking.....	14
5 Fittings at the "M" stage	14
5.1 Materials.....	14
5.2 General characteristics	14
5.3 Material characteristics	14
5.4 Geometric characteristics.....	14
5.5 Mechanical characteristics	14
5.6 Physical characteristics.....	15
5.7 Jointing.....	15
5.8 Marking.....	15
6 Ancillary components	15
7 Fitness for purpose of the installed lining system at the "I" stage	15
7.1 Materials.....	15
7.2 General characteristics	15
7.3 Material characteristics	15
7.4 Geometric characteristics.....	15
7.5 Mechanical characteristics	16
7.6 Physical characteristics.....	16
7.7 Additional characteristics	16
7.8 Sampling	16
8 Installation practice	16
8.1 Preparatory work.....	16
8.2 Storage, handling and transport of pipe and fittings	16
8.3 Equipment	16
8.4 Installation	17

8.5	Process-related inspection and testing	18
8.6	Lining termination.....	18
8.7	Reconnecting to existing manholes and laterals	18
8.8	Final inspection and testing	18
8.9	Documentation	18
	Annex A (informative) Recommended scheme for assessment of conformity	19
A.1	Scope	19
A.2	General	19
A.3	Testing and inspection	19
	Bibliography	22

Foreword

This document EN 13566-1:2002 has been prepared by Technical Committee CEN/TC 155 "Plastics piping systems and ducting systems", the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2003, and conflicting national standards shall be withdrawn at the latest by December 2004.

This standard is a Part of a System Standard for plastics piping systems of various materials used for renovation of existing pipelines in a specified application area. System Standards for renovation dealing with the following applications are either available or in preparation:

- **Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks (this application);**
- Plastics piping systems for renovation of underground water supply networks;
- Plastics piping systems for renovation of underground gas supply networks;
- Plastics piping systems for renovation of underground drainage and sewerage networks under pressure;
- Plastics piping systems for renovation of industrial pipelines.

These System Standards are distinguished from those for conventionally installed plastics piping systems by setting requirements for certain characteristics in the as-installed condition, after site processing. This is in addition to specifying requirements for system components as manufactured.

Each of the System Standards comprises a:

- Part 1: General

and all applicable renovation technique family related parts from the following list:

- Part 2: Lining with continuous pipes
- Part 3: Lining with close-fit pipes
- Part 4: Lining with cured-in-place pipes
- Part 5: Lining with discrete pipes
- Part 6: Lining with inserted hoses
- Part 7: Lining with spirally-wound pipes

A consistent structure of clause headings has been adopted for all Parts to facilitate direct comparisons across renovation technique families.

Figure 1 shows the common Part and clause structure and the relationship between EN 13566 and the System Standards for other application areas.

Annex A is informative.

This document includes a bibliography.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard : Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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

I.S. EN 13566-1 : 2003 : EN : COMBINED PDF

-
- ⊙ Looking for additional Standards? Visit SAI Global Infostore
 - ⊙ Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-

Need to speak with a Customer Service Representative - Contact Us