



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 15012:2007

ICS 23.040.01
91.140.80

**PLASTICS PIPING SYSTEMS - SOIL AND
WASTE DISCHARGE SYSTEMS WITHIN THE
BUILDING STRUCTURE - PERFORMANCE
CHARACTERISTICS FOR PIPES, FITTINGS
AND THEIR JOINTS**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales
<http://www.standards.ie>

*This Irish Standard was
published under the authority
of the National Standards
Authority of Ireland and
comes into effect on:
30 November 2007*

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

© NSAI 2007

Price Code J

Údarás um Chaighdeán Náisiúnta na hÉireann

This page is intentionally left BLANK.

EUROPEAN STANDARD

EN 15012

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2007

ICS 23.040.01; 91.140.80

English Version

**Plastics piping systems - Soil and waste discharge systems
within the building structure - Performance characteristics for
pipes, fittings and their joints**

Systèmes de canalisations en plastique - Systèmes pour
l'évacuation des eaux-vannes et des eaux usées à
l'intérieur de la structure des bâtiments - Caractéristiques
de performance pour tubes, raccords et leurs assemblages

Kunststoff-Rohrleitungssysteme - Rohrleitungssysteme
zum Ableiten von Abwasser innerhalb der Gebäudestruktur
- Eigenschaften für die Gebrauchstauglichkeit von Rohren,
Formstücken und deren Verbindungen

This European Standard was approved by CEN on 23 August 2007.

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 CEN 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 CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, 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

EN 15012:2007 (E)

Contents	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms, definitions and symbols	6
4 Performance requirements	6
4.1 Reaction to fire for applications inside building	6
4.2 Dimensional tolerances	6
4.3 Tightness (air and liquid)	6
4.4 Durability	7
4.5 Maximum load for admissible deformation for pipes and fittings for applications buried in ground within the building structure	7
4.6 Dangerous substances	8
5 Test methods	8
5.1 Reaction to fire for applications inside building	8
5.2 Dimensional tolerances	8
5.3 Tightness	8
5.4 Durability	8
5.5 Ring stiffness for applications buried in ground within the building structure	8
6 Evaluation of conformity	8
6.1 General	8
6.2 Initial type testing	9
6.3 Factory production control	10
6.4 One-off products and products produced in very low quantities	13
Annex A (normative) Mounting and fixing of components in the test apparatus according to EN 13823	14
Annex B (normative) Product standards for soil and waste discharge piping systems in plastics materials	16
Annex C (normative) Standards for assessment of conformity for soil and waste discharge piping systems in plastics materials	17
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive	18
ZA.1 Scope and relevant characteristics	18
ZA.2 Procedure for attestation of conformity of plastics pipes and fittings	20
ZA.3 CE marking and labelling	23
Bibliography	27

Foreword

This document (EN 15012:2007) 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 April 2008, and conflicting national standards shall be withdrawn at the latest by July 2009.

This document has been prepared under Mandate M/131 "Pipes, tanks and ancillaries not in contact with water intended for human consumption" given to CEN by the European Commission and the European Free Trade Association and supports essential requirements of EU Directives.

For the relationship with EU Directives, see informative Annex ZA, which is an integral part of this document.

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

EN 15012:2007 (E)

Introduction

This document contains only the performance characteristics needed to meet the essential requirements of EU Directive(s). It does not cover all characteristics of the products. These are specified in the standards listed in Annex B or in other appropriate product specifications.

This harmonised document is part of a family of cluster standards addressing plastics piping systems. The relationship is shown below:

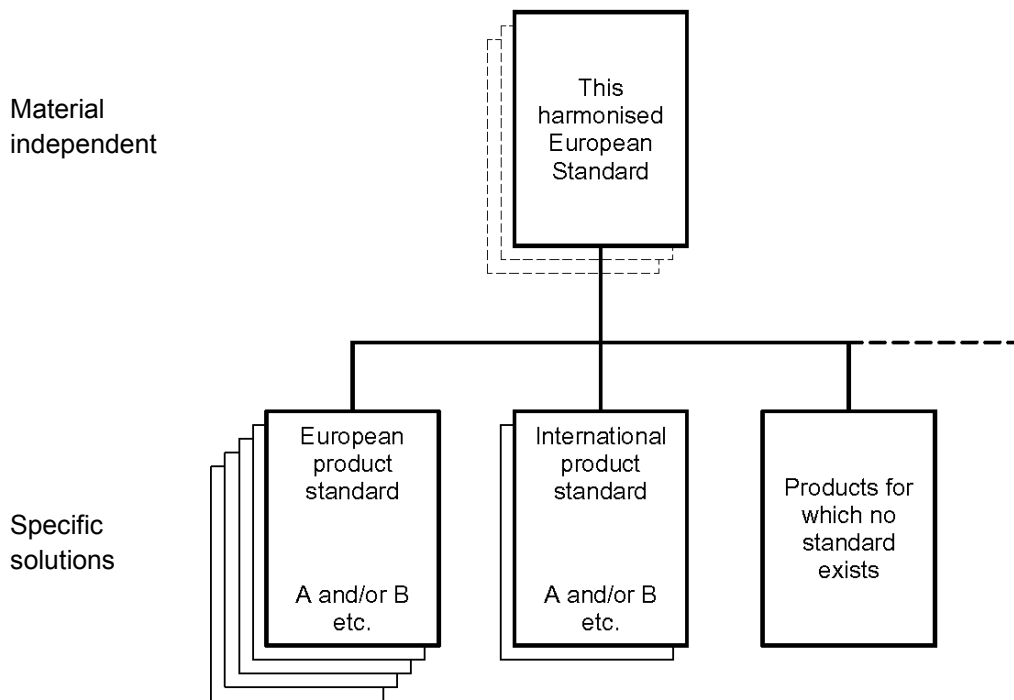


Figure 1

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](#)
-