

**Plasttorustikusüsteemid. Hoone
konstruktsioonidesse paigaldatavad
jäätmete ja heitvete eemaldamise
süsteemid. Torude, liitmike ja nende
ühenduskohtade toimivusparameetrid**

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

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 15012:2007 sisaldab Euroopa standardi EN 15012:2007 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 22.11.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 15012:2007 consists of the English text of the European standard EN 15012:2007.</p> <p>This document is endorsed on 22.11.2007 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This document specifies performance requirements for non-pressure plastics pipes, fittings and their joints intended for soil and waste applications: - inside the building (application area code "B"), - buried in ground within the building structure (application area code "BD") and with a diameter greater than or equal to 75 mm, and gives associated test methods for verification and evaluation of conformity with this document.</p>	<p>Scope: This document specifies performance requirements for non-pressure plastics pipes, fittings and their joints intended for soil and waste applications: - inside the building (application area code "B"), - buried in ground within the building structure (application area code "BD") and with a diameter greater than or equal to 75 mm, and gives associated test methods for verification and evaluation of conformity with this document.</p>
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ICS 23.040.01, 91.140.80

Võtmesõnad:

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.



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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.

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:

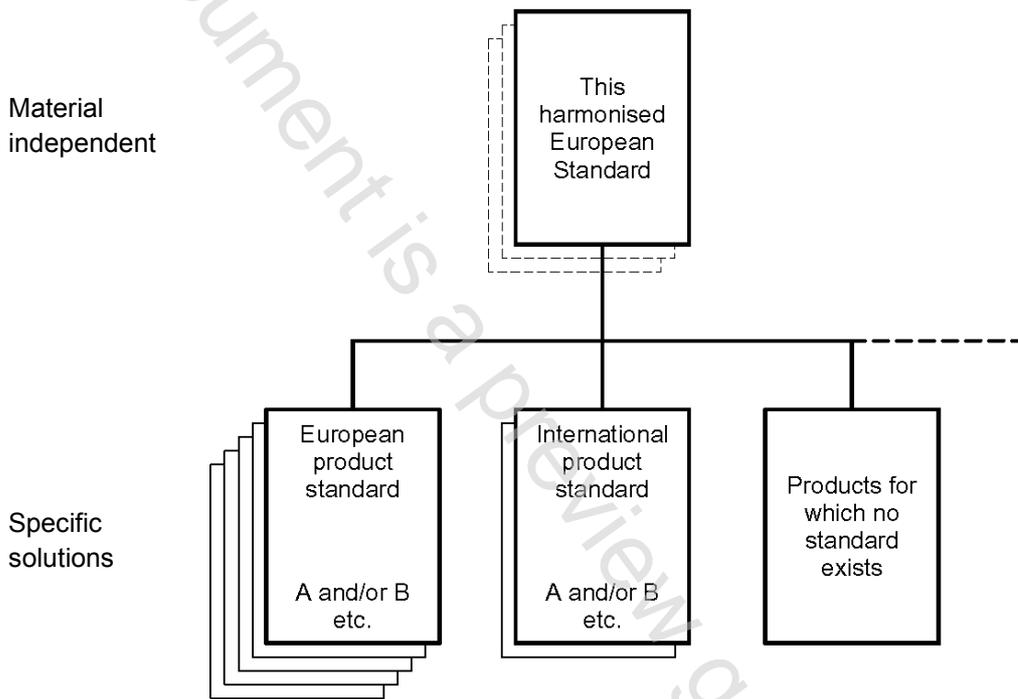


Figure 1

1 Scope

This document specifies performance requirements for non-pressure plastics pipes, fittings and their joints intended for soil and waste applications:

- inside the building (application area code "B"),
- buried in ground within the building structure (application area code "BD") and with a diameter greater than or equal to 75 mm,

and gives associated test methods for verification and evaluation of conformity with this document.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 681-1, *Elastomeric seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 1: Vulcanised rubber*

EN 681-2, *Elastomeric seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 2: Thermoplastic elastomers*

EN 681-3, *Elastomeric seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 3: Cellular materials of vulcanised rubber*

EN 681-4, *Elastomeric seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 4: Cast polyurethane sealing elements*

EN 1053, *Plastics piping systems — Thermoplastics piping systems for non-pressure applications — Test method for watertightness*

EN 1054, *Plastics piping systems — Thermoplastics piping systems for soil and waste discharge — Test method for airtightness of joints*

EN 1055, *Plastics piping systems — Thermoplastics piping systems for soil and waste discharge inside buildings — Test method for resistance to elevated temperature cycling*

EN 13501-1, *Fire classification of construction products and building elements — Part 1: Classification using test data from reaction to fire tests*

EN 13823, *Reaction to fire tests for building products — Building products excluding floorings exposed to the thermal attack by a single burning item*

EN ISO 3126, *Plastics piping systems — Plastics components — Determination of dimensions (ISO 3126:2005)*

EN ISO 9001:2000, *Quality management systems — Requirements (ISO 9001:2000)*

EN ISO 9969, *Thermoplastics pipes — Determination of ring stiffness (ISO 9969:1994)*

ISO 13966, *Thermoplastics pipes and fittings — Nominal ring stiffnesses*

ISO 13967, *Thermoplastics fittings — Determination of ring stiffness*