

Thermoplastics piping systems for soil and waste discharge inside buildings - Test method for airtightness of joints (ISO 13255:2010)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 13255:2017 sisaldab Euroopa standardi EN ISO 13255:2017 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 13255:2017 consists of the English text of the European standard EN ISO 13255:2017.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 18.10.2017.	Date of Availability of the European standard is 18.10.2017.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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EUROPEAN STANDARD

EN ISO 13255

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 1054:1995

English Version

Thermoplastics piping systems for soil and waste
discharge inside buildings - Test method for airtightness of
joints (ISO 13255:2010)

Systèmes de canalisations thermoplastiques pour
évacuation des eaux-vannes et des eaux usées à
l'intérieur des bâtiments - Méthode d'essai de
l'étanchéité des assemblages à l'air (ISO 13255:2010)

Rohrleitungssysteme aus Thermoplasten zum Ableiten
von Abwasser innerhalb von Gebäuden - Prüfverfahren
für die Gasdichtheit von Verbindungen (ISO
13255:2010)

This European Standard was approved by CEN on 19 September 2017.

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-CENELEC 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-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of ISO 13255:2010 has been prepared by Technical Committee ISO/TC 138 “Plastics pipes, fittings and valves for the transport of fluids” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 13255:2017 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 2018, and conflicting national standards shall be withdrawn at the latest by October 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1054:1995.

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Endorsement notice

The text of ISO 13255:2010 has been approved by CEN as EN ISO 13255:2017 without any modification.

Thermoplastics piping systems for soil and waste discharge inside buildings — Test method for airtightness of joints

1 Scope

This International Standard specifies a method for testing the airtightness of joints of thermoplastics piping systems for soil and waste discharge inside buildings.

2 Principle

A test assembly of pipes and/or fittings is subjected to a given internal air pressure for a given time period during which the leaktightness of the joint is verified by inspection.

NOTE It is assumed that the following test parameters are set by the referring standard:

- a) the sampling procedure (see 4.1 and Clause 5);
- b) the number of test pieces (see 4.2).

3 Apparatus

3.1 End-sealing devices, having a size and using a sealing method that are appropriate to the type of joint assembly under test. The devices shall be restrained in such a manner that does not exert longitudinal forces on the joint assembly and prevents the devices or the assembly under test from separating under pressure. The mass of the devices shall not be permitted to influence the angular deflection to be applied (see 5.8).

3.2 Air pressure source, connected via a shut-off valve to one end of at least one end-sealing device, and capable of maintaining the required pressure within $\pm 10\%$ (see Clause 5).

3.3 Pressure-measuring device, capable of checking conformity to the required test pressure (see 3.2 and Clause 5).

3.4 Water supply and outlet devices, each connected via a shut-off valve to at least one end-sealing device to admit water to the appropriate level within the test piece (see Figure 1).