

Gullies for buildings - Part 1: Trapped floor gullies with a depth water seal of at least 50 mm

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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|---|--|
| See Eesti standard EVS-EN 1253-1:2015 sisaldab Euroopa standardi EN 1253-1:2015 ingliskeelset teksti. | This Estonian standard EVS-EN 1253-1:2015 consists of the English text of the European standard EN 1253-1:2015. |
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English Version

**Gullies for buildings - Part 1: Trapped floor gullies with a depth
water seal of at least 50 mm**

Avaloirs et siphons pour bâtiments - Partie 1 : Siphons de
sol avec garde d'eau de 50 mm minimum

Abläufe für Gebäude - Teil 1: Bodenabläufe mit
Geruchverschluss mit einer Geruchverschlusshöhe von
mindestens 50 mm

This European Standard was approved by CEN on 22 November 2014.

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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

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Foreword

This document (EN 1253-1:2015) has been prepared by Technical Committee CEN/TC 165 "Waste water engineering", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by July 2015 and conflicting national standards shall be withdrawn at the latest by July 2015.

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

This document, together with EN 1253-2:2015, supersedes EN 1253-1:2003 and EN 1253-2:2003.

This is the first part of EN 1253, a series of standards relating to floor gullies, roof drains and access covers for drainage systems inside buildings. The EN 1253 series under the main title *Gullies for buildings* will actually consist of the following parts:

- *Part 1: Trapped floor gullies with a depth water seal of at least 50 mm;*
- *Part 2: Roof drains and floor gullies without trap;*
- *Part 3: Evaluation of conformity;*
- *Part 4: Access covers;*
- *Part 5: Gullies with light liquids closure.*

Since the latest versions of EN 1253-1 and EN 1253-2, the most significant technical changes are the following:

- a) reduction of scope on trapped floor gullies with a depth of water seal of at least 50 mm for use in gravity drainage systems;
- b) more definitive description of products;
- c) modification of terms and definitions;
- d) precision in definition of places of installation;
- e) consideration of liquid applied membranes as connecting components;
- f) precision of test conditions for flow rate testing;
- g) revision of loading test concerning test loads, loading speed as well as shape, size and point of impact of test blocks in dependence on different configuration of gratings;
- h) revision of tightness tests for products for use with sheet floor coverings, membranes and liquid applied membranes.

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, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard classifies floor gullies for use inside buildings, gives guidance for places of installation and specifies requirements for the construction, design, performance and marking of factory made gullies for buildings, irrespective of the material, for use in drainage systems requiring a trap with a depth of water seal of at least 50 mm (further: floor gullies).

Although normally used to convey domestic wastewater, these floor gullies may convey other wastewater, e.g. industrial wastewater, provided there is no risk of damage to components or of injury to health.

This European Standard does not apply to:

- linear drainage channels as specified in EN 1433,
- gully tops and manhole tops which are specified in EN 124,
- roof drains and floor gullies without trap as specified in EN 1253-2.

2 Normative references

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

EN 124, *Gully tops and manhole tops for vehicular and pedestrian areas - Design requirements, type testing, marking, quality control*

EN 476, *General requirements for components used in drains and sewers*

EN 1253-3, *Gullies for buildings - Part 3: Evaluation of conformity*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
trapped floor gully
discharge fitting the top of which is a grating or cover capable of installation at ground or floor level, intended to receive wastewater either through apertures in the grating and/or from side inlets and/or channels joined to the body of the gully and to drain that wastewater through the outlet

Note 1 to entry: See Figure 1.

Note 2 to entry: In this European Standard, the term trapped "floor gully" includes linear products, such as channel drains.