

Gullies for buildings - Part 6: Trapped floor gullies with a depth of water seal less than 50 mm

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 1253-6:2022 sisaldab Euroopa standardi EN 1253-6:2022 ingliskeelset teksti.	This Estonian standard EVS-EN 1253-6:2022 consists of the English text of the European standard EN 1253-6:2022.
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ICS 91.140.80

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English Version

Gullies for buildings - Part 6: Trapped floor gullies with a depth of water seal less than 50 mm

Avaloirs et siphons pour bâtiments - Partie 6 : Siphons de sol avec garde d'eau inférieure à 50 mm

Abläufe für Gebäude - Teil 6: Bodenabläufe mit Geruchverschluss mit einer Geruchverschlusshöhe von weniger als 50 mm

This European Standard was approved by CEN on 26 September 2022.

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European foreword

This document (EN 1253-6:2022) 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of an identical text or by endorsement, at the latest by April 2023, and conflicting national standards shall be withdrawn at the latest by April 2023.

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.

Within its program of work, Technical Committee CEN/TC 165 requested CEN/TC 165/WG 11 “*Gratings, covers and other ancillary components for use inside buildings*” to prepare the following standard:

EN 1253-6, Trapped floor gullies with a depth of water seal less than 50 mm.

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;*
- *Part 6: Trapped floor gullies with a depth of water seal less than 50 mm;*
- *Part 7: Trapped floor gullies with mechanical closure;*
- *Part 8: Trapped floor gullies with combined mechanical closure and water seal.*

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1 Scope

This document classifies floor gullies for domestic waste water 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 less than 50 mm (referred to as floor gullies).

NOTE Floor gullies with a depth of water seal less than 50 mm are not covered by EN 1253-1, EN 1253-7 and EN 1253-8.

These products are intended to be installed where the three following conditions are met:

- space limitation will not accommodate a gully with a 50 mm water seal;
- the building does not exceed a ground-floor and three floors above;
- at least two domestic sanitary appliances are installed in addition to the gully but with only one WC on the same branch (connection pipe) or secondary or branch ventilation is installed (see EN 12056-2:2000, 4.3.2 or 4.3.4).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 476, *General requirements for components used in drains and sewers*

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

EN 16323, *Glossary of wastewater engineering terms*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 16323 and the following 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 channels joined to the body of the gully and to drain that wastewater through the outlet

Note 1 to entry: Four generic types of floor gullies are shown in Figure 1.

Note 2 to entry: In this document, the term “trapped floor gully” includes linear products, such as channel drains.