

Gullies for buildings - Part 7: Trapped floor gullies with mechanical closure

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

Gullies for buildings - Part 7: Trapped floor gullies with mechanical closure

Avaloirs et siphons pour bâtiments - Partie 7 : Siphons de sol avec obturateur mécanique

Abläufe für Gebäude - Teil 7: Bodenabläufe mit mechanischem Geruchverschluss

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European foreword

This document (EN 1253-7:2022) 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of an identical text or by endorsement, at the latest by April 2023, and conflicting national standards shall be withdrawn at the latest by April 2023.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 1253-7 *Trapped floor gullies with mechanical closure.*

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 mechanical closure (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 both conditions below are fulfilled:

- the building does not exceed a ground-floor and three floors above;
- infrequent use could result in a water seal evaporating.

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 definitions of EN 16323 and 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 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.