

Gullies for buildings - Part 4: Access covers

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 1253-4:2016 sisaldab Euroopa standardi EN 1253-4:2016 ingliskeelset teksti.	This Estonian standard EVS-EN 1253-4:2016 consists of the English text of the European standard EN 1253-4:2016.
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.
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Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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English Version

Gullies for buildings - Part 4: Access covers

Avaloirs et siphons pour bâtiments - Partie 4:
Tampons/couvercles d'accès

Abläufe für Gebäude - Teil 4: Abdeckungen

This European Standard was approved by CEN on 14 February 2016.

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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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Contents	Page
European foreword.....	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	4
4 Classification.....	4
5 Materials.....	5
6 Design and construction.....	5
6.1 General requirements	5
6.2 Appearance.....	5
6.3 Clear opening of access covers for man entry.....	5
6.4 Edge protection for access covers of reinforced concrete.....	5
6.5 Tightness.....	6
6.5.1 General.....	6
6.5.2 Watertightness: Class Wt.....	6
6.5.3 Odourtightness: Class Ot.....	6
6.5.4 Backflow tightness: Class Bt.....	6
6.5.5 Additional requirements.....	6
7 Test methods	6
7.1 Loading test.....	6
7.2 Appearance and dimensions.....	6
7.3 Tightness.....	6
7.3.1 Watertightness.....	6
7.3.2 Odourtightness	6
7.3.3 Backflow tightness.....	7
8 Marking.....	7
9 Evaluation of conformity	7

European foreword

This document (EN 1253-4:2016) 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 October 2016, and conflicting national standards shall be withdrawn at the latest by October 2016.

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 supersedes EN 1253-4:1999.

This is the fourth part in EN 1253, a series of standards relating to different types of floor gullies, roof drains and access covers for drainage systems inside buildings. The EN 1253 series under the main title *Gullies for buildings* actually consists 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 1253-4 the most significant technical changes are the following:

- a) introduction of the new standards on trapped floor gullies with a depth of water seal of at least 50 mm (EN 1253-1), roof drains and floor gullies without trap (EN 1253-2) and on evaluation of conformity (EN 1253-3);
- b) amendment of items of marking as well as methods of marking.

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 access covers according to their loading strength and specifies requirements relating to their design, construction, marking, testing and evaluation of conformity.

This European Standard classifies and specifies requirements for factory made access covers used for drainage systems inside buildings. This European Standard does not apply to access covers intended for external use which are covered by EN 124 series.

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 (all parts), *Gully tops and manhole tops for vehicular and pedestrian areas*

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

EN 1253-1:2015, *Gullies for buildings — Part 1: Trapped floor gullies with a depth water seal of at least 50 mm*

EN 1253-2:2015, *Gullies for buildings — Part 2: Roof drains and floor gullies without trap*

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

3 Terms and definitions

For the purposes of this document, the terms and definitions given in the EN 124 series, EN 1253-1:2015 and the following apply.

3.1
access cover
assembly providing access to chamber, gully, shaft or pipe, capable of installation at floor level, generally consisting of a cover and frame

3.2
cover
removable part of an access cover

3.3
frame
fixed part of an access cover which receives and supports a cover

3.4
seating
surface on which the cover rests in the frame

4 Classification

Access covers are classified by loading strength when tested in accordance with 7.1, into the following classes: H 1,5, K 3, L 15, R 50, M 125, N 250, P 400.

A guide for selecting the class of an access cover appropriate to the place of installation is given below. The selection of the appropriate class is the responsibility of the specifier.