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Gullies for buildings – Part 4: Access covers

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Europastandarden EN 1253-4:2016 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 1253-4:2016.

Denna standard ersätter SS-EN 1253-4, utgåva 1.

The European Standard EN 1253-4:2016 has the status of a Swedish Standard. This document contains the official English version of EN 1253-4:2016.

This standard supersedes the Swedish Standard SS-EN 1253-4, edition 1.

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Denna standard är framtagen av kommittén för Avloppsteknik, SIS/TK 198/AG 165.

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EUROPEAN STANDARD

EN 1253-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2016

ICS 91.140.80

Supersedes EN 1253-4:1999

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.

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.

CEN members are the national standards bodies of 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 United Kingdom.



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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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.