

Vtokové mreže dažďových vpustov a poklopy vstupných šácht na jazdné plochy a pešie zóny. Časť 4: Vtokové mreže dažďových vpustov a poklopy vstupných šácht zo železobetónu.

STN EN 124-4

13 6301

Gully tops and manhole tops for vehicular and pedestrian areas - Part 4: Gully tops and manhole tops made of steel reinforced concrete

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/15

Obsahuje: EN 124-4:2015

Spolu s STN EN 124-1, STN EN 124-2, STN EN 124-3, STN EN 124-5 a STN EN 124-6 ruší STN EN 124 (13 6301) z decembra 1997

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English Version

Gully tops and manhole tops for vehicular and pedestrian areas -Part 4: Gully tops and manhole tops made of steel reinforced concrete

Dispositifs de couronnement et de fermeture pour les zones de circulation utilisées par les piétons et les véhicule -Partie 4: Dispositifs de couronnement et de fermeture en béton armé d'acier Aufsätze und Abdeckungen für Verkehrsflächen - Teil 4: Aufsätze und Abdeckungen aus stahlbewehrtem Beton

This European Standard was approved by CEN on 11 March 2015.

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 124-4:2015) has been prepared by Technical Committee CEN/TC 165 "Wastewater 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of an identical text or by endorsement, at the latest by December 2015 and conflicting national standards shall be withdrawn at the latest by March 2017.

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.

Together with EN 124-1:2015, EN 124-2:2015, EN 124-3:2015, EN 124-5:2015 and EN 124-6:2015, this document will supersede EN 124:1994.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of the Regulation (EU) No. 305/2011.

For relationship with EU Regulations, see informative Annex ZA, which is an integral part of this document.

EN 124, Gully tops and manhole tops for vehicular and pedestrian areas, consists of the following parts:

- Part 1: Definitions, classification, general principles of design, performance requirements and test methods;
- Part 2: Gully tops and manhole tops made of cast iron;
- Part 3: Gully tops and manhole tops made of steel or aluminium alloys;
- Part 4: Gully tops and manhole tops made of steel reinforced concrete;
- Part 5: Gully tops and manhole tops made of composite materials;
- Part 6: Gully tops and manhole tops made of polypropylene (PP), polyethylene (PE) or unplasticized poly(vinyl chloride) (PVC-U).

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 is applicable to precast gully tops and manhole tops made of steel reinforced concrete with a clear opening up to and including 1 000 mm for covering gullies, manholes and inspection chambers for installation within areas subjected to pedestrian and/or vehicular traffic.

It is applicable to manhole tops and gully tops for use in

- areas which can only be used by pedestrians and pedal cyclists (at least class A 15),
- pedestrian areas and comparable areas, car parks or car parking decks (at least class B 125),
- the area of kerbside channels of roads which, when measured from the kerb edge, extends a maximum of 0,5 m into the carriageway and a maximum of 0,2 m into the pedestrian area (at least class C 250),
- carriageways of roads (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles (at least class D 400),
- areas imposing high wheel loads, e.g. docks, aircraft pavements (at least class E 600),
- areas imposing particularly high wheel loads, e.g. aircraft pavements (Group 6, class F 900).

This European Standard is not applicable in isolation but only in combination with EN 124-1 and gives guidance for combinations of covers/gratings made of steel reinforced concrete with frames according to EN 124-2, EN 124-3, EN 124-5 and EN 124-6.

This European Standard is not applicable to:

- concave gratings for class D 400 installed in carriageways of roads or hard shoulders and concave gratings for classes F 900 and E 600;
- gratings/covers as part of prefabricated drainage channels according to EN 1433;
- floor and roof gullies in buildings which are specified in EN 1253 (all parts); and
- surface boxes.

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 124-1:2015, Gully tops and manhole tops for vehicular and pedestrian areas — Part 1: Definitions, classification, general principles of design, performance requirements and test methods

EN 124-2:2015, Gully tops and manhole tops for vehicular and pedestrian areas — Part 2: Gully tops and manhole tops made of cast iron

EN 124-3:2015, Gully tops and manhole tops for vehicular and pedestrian areas — Part 3: Gully tops and manhole tops made of steel or aluminium alloys

EN 124-5:2015, Gully tops and manhole tops for vehicular and pedestrian areas — Part 5: Gully tops and manhole tops made of composite materials

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EN 124-6:2015, Gully tops and manhole tops for vehicular and pedestrian areas — Part 6: Gully tops and manhole tops made of polypropylene (PP), polyethylene (PE) or unplasticized poly(vinyl chloride) (PVC-U)

EN 206:2013, Concrete — Specification, performance, production and conformity

EN 1339:2003, Concrete paving flags — Requirements and test methods

EN 1992-1-1:2004, Eurocode 2: Design of concrete structures — Part 1-1: General rules and rules for buildings

EN 13369:2013, Common rules for precast concrete products

EN ISO 1461, Hot dip galvanized coatings on fabricated iron and steel articles — Specifications and test methods (ISO 1461)

koniec náhľadu – text ďalej pokračuje v platenej verzii STN