

Vtokové mreže dažďových vpustov a poklopy vstupných šácht na jazdné plochy a pešie zóny. Časť 6: Vtokové mreže dažďových vpustov a poklopy vstupných šácht z polypropylénu (PP), polyetylénu (PE) alebo nemäkčeného polyvinylchloridu (PVC-U).

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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)

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

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English Version

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)

Dispositifs de couronnement et de fermeture pour les zones de circulation utilisées par les piétons et les véhicules -Partie 6 : Dispositifs de couronnement et de fermeture en polypropylène (PP), polyéthylène (PE) ou polychlorure de vinyle non plastifié (PVC-U) Aufsätze und Abdeckungen für Verkehrsflächen - Teil 6: Aufsätze und Abdeckungen aus Polypropylen (PP), Polyethylen (PE) oder weichmacherfreiem Polyvinylchlorid (PVC-U)

This European Standard was approved by CEN on 12 March 2015.

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

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Foreword

This document (EN 124-6:2015) 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of an identical text or by endorsement, at the latest by December 2015 and conflicting national standards shall be withdrawn at the latest by March 2017.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.

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.

Together with EN 124-1:2015, EN 124-2:2015, EN 124-3:2015, EN 124-4:2015 and EN 124-5:2015, the document will supersede EN 124:1994.

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 applies to manhole tops and gully tops made of Polypropylene (PP), Polyethylene (PE) or unplasticized poly(vinyl chloride) (PVC-U) by a moulding or extrusion process, 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 (class A 15), and
- pedestrian areas and comparable areas, car parks or car parking decks (class B 125).

This European Standard gives guidance for combinations of covers/grating made of PP, PE or PVC–U with frames according to EN 124-2, EN 124-3, EN 124-4 and EN 124-5.

This European Standard is not applicable in isolation but only in combination with EN 124-1.

This European Standard is not applicable to:

- rodding point covers according to EN 13598-1;
- 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);
- 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 124-4:2015, Gully tops and manhole tops for vehicular and pedestrian areas — Part 4: Gully tops and manhole tops made of steel reinforced concrete

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

EN 513:1999, Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors — Determination of the resistance to artificial weathering

EN 1401-1, Plastics piping systems for non-pressure underground drainage and sewerage — Unplasticized poly(vinyl chloride) (PVC-U) — Part 1: Specifications for pipes, fittings and the system

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EN 1852-1, Plastics piping systems for non-pressure underground drainage and sewerage — Polypropylene (PP) — Part 1: Specifications for pipes, fittings and the system

EN 12164:2011, Copper and copper alloys — Rod for free machining purposes

EN 12200-1, Plastics rainwater piping systems for above ground external use — Unplasticized poly(vinyl chloride) (PVC-U) - Part 1: Specifications for pipes, fittings and the system

EN 12666-1:2005+A1:2011, Plastics piping systems for non-pressure underground drainage and sewerage — Polyethylene (PE) — Part 1: Specifications for pipes, fittings and the system

EN 13476-2, Plastics piping systems for non-pressure underground drainage and sewerage — Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) — Part 2: Specifications for pipes and fittings with smooth internal and external surface and the system, Type A

EN 13476-3, Plastics piping systems for non-pressure underground drainage and sewerage — Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) — Part 3: Specifications for pipes and fittings with smooth internal and profiled external surface and the system, Type B

EN 13501-1:2007+A1:2009, Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests

EN 13598-1, Plastics piping systems for non-pressure underground drainage and sewerage — Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) — Part 1: Specifications for ancillary fittings including shallow inspection chambers

EN 13598-2, Plastics piping systems for non-pressure underground drainage and sewerage — Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) — Part 2: Specifications for manholes and inspection chambers in traffic areas and deep underground installations

EN 13823, Reaction to fire tests for building products — Building products excluding floorings exposed to the thermal attack by a single burning item

EN 14758-1, Plastics piping systems for non-pressure underground drainage and sewerage — Polypropylene with mineral modifiers (PP-MD) — Part 1: Specifications for pipes, fittings and the system

EN 16245-3, Fibre-reinforced plastic composites — Declaration of raw material characteristics — Part 3: Specific requirements for fibre

EN 20105-A02, Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour (ISO 105-A02)

EN ISO 580:2005, Plastics piping and ducting systems — Injection-moulded thermoplastics fittings — Methods for visually assessing the effects of heating (ISO 580:2005)

EN ISO 1133-1, Plastics — Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics — Part 1: Standard method (ISO 1133-1)

EN ISO 1183-1, Plastics — Methods for determining the density of non-cellular plastics — Part 1: Immersion method, liquid pyknometer method and titration method (ISO 1183-1)

EN ISO 1183-2, Plastics — Methods for determining the density of non-cellular plastics — Part 2: Density gradient column method (ISO 1183-2)

EN ISO 3126, Plastics piping systems — Plastics components — Determination of dimensions (ISO 3126)

EN ISO 4892-1, Plastics — Methods of exposure to laboratory light sources — Part 1: General guidance (ISO 4892-1)

EN ISO 4892-2:2013, Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc lamps (ISO 4892-2:2013)

EN ISO 4892-3, Plastics — Methods of exposure to laboratory light sources — Part 3: Fluorescent UV lamps (ISO 4892-3)

EN ISO 8256:2004, Plastics — Determination of tensile-impact strength (ISO 8256:2004)

EN ISO 9163, Textile glass — Rovings — Manufacture of test specimens and determination of tensile strength of impregnated rovings (ISO 9163)

ISO 178, Plastics — Determination of flexural properties

ISO 527-1, Plastics — Determination of tensile properties — Part 1: General principles

ISO 1888, Textile glass — Staple fibres or filaments — Determination of average diameter

ISO 3127, Thermoplastics pipes — Determination of resistance to external blows — Round-the-clock method

ISO 3506-1, Mechanical properties of corrosion-resistant stainless steel fasteners — Part 1: Bolts, screws and studs

ISO 3506-2, Mechanical properties of corrosion-resistant stainless steel fasteners — Part 2: Nuts

ISO 6964, Polyolefin pipes and fittings — Determination of carbon black content by calcination and pyrolysis — Test method and basic specification

ISO 15100, Plastics — Reinforcement fibres — Chopped strands — Determination of bulk density

koniec náhľadu – text ďalej pokračuje v platenej verzii STN