



BSI Standards Publication

Gully tops and manhole tops for vehicular and pedestrian areas

Part 1: Definitions, classification, general principles of design, performance requirements and test methods

National foreword

This British Standard is the UK implementation of EN 124-1:2015. Together with BS EN 124-2:2015, BS EN 124-3:2015, BS EN 124-4:2015, BS EN 124-5:2015 and BS EN 124-6:2015, it supersedes BS EN 124:1994 which is withdrawn.

BSI, as a member of CEN, is obliged to publish EN 124-1 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK committee voted against its approval as a European Standard.

The technical reasoning behind the response relates to three specific areas:

1. Subclause 7.4.2 specifies three alternative sets of requirements to provide adequate skid resistance. The UK committee expresses concern that there is no research available to validate the equivalence or adequacy of these requirements.
2. The pull-out tests as described in Annex E are not representative of in-service conditions and are not supported by any evidence of safe behaviour in service, taking no account of the forces that may generate cover movement and/or displacement. Consequently the requirements of subclause 6.6 and the test method in Annex E may not guarantee or provide guidance to users and specifiers for the durability and safe behaviour of manhole tops and gully tops in service.
3. The load tests described in subclause A.4.2 do not take into account the load bearing capacity of individual or multiple cover elements at test locations other than the prescribed centralized test locations and the subsequent effects on performance and durability of the installation. Readers of this standard may find it useful to refer to BS 7903, *Guide to selection and use of gully tops and manhole covers for installation within the highway*.

Users may wish to consider these issues when specifying products.

The UK participation in its preparation was entrusted by Technical Committee B/505, Wastewater engineering, to Subcommittee B/505/4, "Manhole Covers, Surface Boxes And Other Road Fittings".

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

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

Dispositifs de couronnement et de fermeture pour les zones
de circulation utilisées par les piétons et les véhicules -
Partie 1 : Définitions, classification, principes généraux de
conception, exigences de performances et méthodes
d'essai

Aufsätze und Abdeckungen für Verkehrsflächen - Teil 1:
Definitionen, Klassifizierung, allgemeine Baugrundsätze,
Leistungsanforderungen und Prüfverfahren

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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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels