



BSI Standards Publication

Concrete pipes and ancillary concrete products

Part 6: Road gullies and gully cover slabs — Specification

Publishing and copyright information

The BSI copyright notice displayed in this document indicates when the document was last issued.

© The British Standards Institution 2021

Published by BSI Standards Limited 2021

ISBN 978 0 59 12961 8

ICS 3.08.30

The following BSI references relate to the work on this document:

Committee reference B/505

Draft for comment 21/30412766 DC

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

Contents

	Page
Foreword	ii
1 Scope	1
2 Normative references	1
3 Terms, definitions and symbols	2
<i>Table 1 — Symbols</i>	3
4 General requirements	3
4.1 Materials	3
4.2 Concrete	4
4.3 Units	4
<i>Table 2 — Nominal sizes dimensions for gullies</i>	6
<i>Figure 1 — Typical trapped gully with spigot outlet</i>	7
<i>Figure 2 — Typical untrapped gully with spigot outlet</i>	8
<i>Figure 3 — Typical trapped gully with socket outlet</i>	9
<i>Figure 4 — Typical untrapped rectangular gully with socket outlet</i>	10
5 Test requirements for finished products	10
<i>Table 3 — Summary of test requirements</i>	10
6 Conformity evaluation	10
6.1 General	10
6.2 Product evaluation procedures	11
7 Marking	12
Annex A (normative) Dimensional tests	13
Annex B (normative) Watertightness test	14
Annex C (informative) Information to be supplied in an enquiry or order	15
Annex D (normative) Manufacturer's quality assurance system	15
<i>Table D.1 — Control for all materials</i>	18
<i>Table D.2 — Control for certain materials</i>	18
<i>Table D.3 — Equipment control</i>	19
<i>Table D.4 — Control of concrete mix</i>	20
<i>Table D.5 — Control of factory production</i>	20
<i>Table D.6 — Control of marking and storage</i>	20
<i>Table D.7 — Control of delivery</i>	20
<i>Table D.8 — Control of laboratory equipment</i>	20
Annex E (normative) Sampling procedures for inspection of finished products	21
<i>Table E.1 — Sampling procedures</i>	21
Annex F (normative) Sampling procedures for continuous inspection of watertightness	21
Annex G (normative) Tasks for a product certification body	23
Bibliography	25

Summary of pages

This document comprises a front cover, an inside front cover, pages I to IV, pages 1 to 25, an inside back cover and a back cover.

Foreword

Publishing information

This part of BS 5911 is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 August 2021. It was prepared by Technical Committee B/505, *Wastewater engineering*. A list of organizations represented on this committee can be obtained on request to the committee manager.

Supersession

This part of BS 5911 supersedes BS 5911-6:2004+A1:2010 which is withdrawn.

Relationship with other publications

BS 5911 is a series of standards for concrete drainage products.

Information about this document

This publication can be withdrawn, revised, partially superseded or superseded. Information regarding the status of this publication can be found in the Standards Catalogue on the BSI website at bsigroup.com/standards, or by contacting the Customer Services team.

Where websites and webpages have been cited, they are provided for ease of reference and are correct at the time of publication. The location of a webpage or website, or its contents, cannot be guaranteed.

Use of this document

It has been assumed in the preparation of this part of BS 5911 that the execution of its provisions will be entrusted to appropriately qualified and experienced people, for whose use it has been produced.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is “shall”.

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Where words have alternative spellings, the preferred spelling of the Shorter Oxford English Dictionary is used (e.g. “organization” rather than “organisation”).

Contractual and legal considerations

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

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient’s own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

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

Currently in preview, click buy full version

1 Scope

This part of BS 5911 specifies requirements and describes test methods for precast concrete road gullies manufactured from monolithic concrete or prefabricated sections of concrete. A gully outlet might incorporate a permanent former, with or without a jointing profile, for the connection of a pipeline.

Requirements are also specified for gully cover slabs. The intended use for gullies is the interception of silt and debris from surface water being discharged into drainage systems.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes provisions of this document.¹⁾ For undated references, the latest edition of the referenced document (including any amendments) applies.

[BS 4484-1](#), *Specification for measuring instruments for constructional works — Part 1: Metric graduation and figuring of instruments for linear measurement*

[BS 5204-2](#), *Specification for straightedges — Part 2: Steel or granite straightedges of rectangular section*

BS 8500-1:2015+A2:2019, *Concrete — Complementary British Standard to BS EN 206 — Part 1: Method of specifying and guidance for the specifier*

BS EN 450-1, *Fly ash for concrete — Part 1: Definition, specifications and conformity criteria*

BS EN 934-2, *Admixtures for concrete, mortar and grout — Part 2: Concrete admixtures — Definitions, requirements, conformity, marking and labelling*

[BS EN 13369:2018](#), *Common rules for precast concrete products*

BS EN 1008, *Mixing water for concrete — Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete*²⁾

BS EN 12620:2002+A1:2008, *Aggregates for concrete*³⁾

BS EN 15167-1, *Ground granulated blast furnace slag for use in concrete, mortar and grout — Part 1: Definitions, specifications and conformity criteria*

BS EN ISO/IEC 17065, *Conformity assessment — Requirements for bodies certifying products, processes and services*

BS EN ISO/IEC 17021-1, *Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 1: Requirements*

BS EN ISO/IEC 17021-2, *Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 2: Competence requirements for auditing and certification of environmental management system*

BS EN ISO/IEC 17021-3, *Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 3: Competence requirements for auditing and certification of quality management systems*

¹⁾ Documents that are referred to solely in an informative manner are listed in the Bibliography.

²⁾ A dated reference to BS EN 1008:2002 is made informatively.

³⁾ A dated reference to BS EN 12620:2002+A1:2008 is made informatively.