

BS 594987:2015+A1:2017



BSI Standards Publication

Asphalt for roads and other paved areas — Specification for transport, laying, compaction and product type testing protocols

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Published by BSI Standards Limited 2017

ISBN 978 0 580 97721 3

ICS 93.080.20

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

Committee reference B/510/1

Drafts for comment 16/30343304 DC; 17/30357114 DC

Amendments/corrigenda issued since publication

July 2017

A1. Changes to Table 1A, 5.5.1, Table 2, 9.5.1.1, Equation 1, 9.2.5.4, Equation 2, 9.5.3.4, Table B.1, Table H.3 and Equation H.1.

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This document comprises a front cover, and inside front cover, pages i to vi, pages 1 to 49, an inside back cover and a back cover.

Foreword

Publishing information

This British Standard is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 30 March 2015. It was prepared by Subcommittee B/510/1, *Asphalt products*, under the authority of Technical Committee B/510, *Road materials*. A list of organizations represented on these committees can be obtained on request to their secretary.

Supersession

BS 594987:2015 superseded BS 594987:2010, which has been withdrawn.

BS 594987:2015+A1:2017 supersedes BS 594987:2015, which is withdrawn.

Relationship with other publications

BS 594987:2015 was published concurrently with PD 6691:2015 as the two documents were revised and cross referenced each other.

Information about this document

BS 594987:2015 took into account the change from the Construction Products Directive to the Construction Products Regulation [1] and that CE marking in the UK is now mandatory.

It also clarified errors and anomalies in the previous version and removed references to previous British standards which had been superseded by the European standards.

Text introduced or altered by Amendment No. 1 is indicated in the text by tags **A1** **A1**. Minor editorial corrections are not tagged.

This British Standard specifies requirements for transporting asphalt mixtures, for preparatory site work and for laying and compacting asphalt mixtures, including the covering of concrete and sett paving. Annexes contain protocols to be used for initial product-type testing of asphalt materials in accordance with BS EN 13108-20.

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

[Annex A](#) gives recommendations for delivery and rolling temperatures. [Annex B](#) provides indicative rates of spread for average mixture types. [Annex C](#), [Annex D](#), [Annex E](#), [Annex F](#) and [Annex G](#) give recommendations on protocols for the initial product-type testing of asphalt materials in accordance with BS EN 13108-20; in particular, guidance is given on sampling by coring, assessing for target composition, voids, compaction and deformation resistance. [Annex H](#) provides recommendations for a mixture design that determines the design binder content of hot rolled asphalt surface course mixtures. [Annex I](#) provides advice on the calibration procedure for indirect density gauges. [Annex J](#) provides advice on the use of tack coats. [Annex K](#) gives a method for determining the maximum binder content that porous asphalt and other asphalt can carry without excessive binder drainage during transportation and subsequent laying. [Annex L](#) provides guidance on the design of BBA mixtures for airfield pavements.

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”.