

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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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.

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	3
4 Transport and delivery	3
4.1 Transport	3
4.2 Delivery to the site	4
5 Preparatory works at the laying site	4
5.1 General	4
5.2 Surface level tolerances	4
5.3 Resurfacing	4
5.4 Adjustment or regulation of levels	5
<i>Table 1A — Nominal target and minimum compacted layer thicknesses for asphalt concrete (AC) mixtures conforming to BS EN 13108-1 (see PD 6691:2015, Annex B)</i>	6
<i>Table 1B — Nominal target and minimum compacted layer thicknesses for HRA mixtures conforming to BS EN 13108-4 (see PD 6691:2015, Annex C)</i>	6
<i>Table 1C — Nominal target and minimum compacted layer thicknesses for SMA surface course mixtures conforming to BS EN 13108-5 (see PD 6691:2015, Annex D)</i>	7
<i>Table 1D — Nominal target and minimum compacted layer thicknesses for other SMA mixtures conforming to BS EN 13108-5 (see PD 6691:2015, Annex D)</i>	7
5.5 Application of bond coats	7
<i>Table 2 — An example of bond coat minimum target rate of spread in litres per square metre of emulsion</i>	8
6 Layings	9
6.1 General	9
6.2 Laying in adverse conditions	9
6.3 Machine laying	11
6.4 Hand laying	11
6.5 Sampling during laying	12
6.6 Thickness	12
6.7 Surface regularity, contour and falls	12
<i>Table 3 — Accuracy of finish</i>	12
6.8 Joints	13
6.9 Access chamber covers and projections	13
7 Chipping of hot rolled asphalt (HRA)	14
7.1 General	14
7.2 Rate of spread of coated chippings	14
7.3 Method of applying coated chippings	14
<i>Table 4 — Minimum rolling temperature for HRA mixtures</i>	14
8 Texture depth	15
8.1 General	15
8.2 Measurement of surface texture	15
9 Compaction	15
9.1 General	15
9.2 General requirements for compaction of machine-laid asphalt	16
<i>Table 5 — Minimum rolling temperatures for designed AC dense, heavy-duty and high-modulus binder course and base (including EME2)</i>	17
9.3 General requirements for compaction of hand-laid asphalt and areas with restricted access	18

9.4	Sampling and testing for assessment of compacted asphalt	18
9.5	Compaction control	19
10	Opening to traffic	22
Annex A	(informative) Recommended delivery and rolling temperatures for recipe AC, HRA and SMA to BS EN 13108	23
	<i>Table A.1 — Minimum delivery and rolling temperatures for recipe AC, HRA and SMA mixtures</i>	23
Annex B	(informative) Approximate rates of spread of asphalt	24
	<i>Table B.1 — Approximate rate of spread</i>	24
Annex C	(informative) Protocol for determining void content of dense base and binder AC mixtures conforming to BS EN 13108-1 from trial strips for the purposes of product-type testing to BS EN 13108-20	25
	<i>Figure C.1 — Spacing of cores</i>	26
Annex D	(informative) Protocol for determining resistance to permanent deformation of binder course and base asphalt mixtures conforming to BS EN 13108-1 (asphalt concrete) from trial strips for the purposes of type testing to BS EN 13108-20	27
Annex E	(informative) Protocol for determining void content and stiffness of EME2 base and binder AC mixtures conforming to BS EN 13108-1 from trial strips for the purposes of product-type testing to BS EN 13108-20	28
	<i>Figure E.1 — Spacing of cores</i>	30
Annex F	(informative) Protocol for determining void content, binder volume and resistance to permanent deformation of performance-related surface course HRA mixtures conforming to BS EN 13108-4 from trial strips for the purposes of product-type testing to BS EN 13108-20	31
	<i>Figure F.1 — Spacing of cores</i>	33
Annex G	(informative) Protocol for determining void content and resistance to permanent deformation of SMA binder course and regulating courses to BS EN 13108-5 from trial strips for the purposes of product-type testing to BS EN 13108-20	34
	<i>Figure G.1 — Spacing of cores</i>	36
Annex H	(informative) Protocol for determining the design binder content of designed HRA surface course mixtures to BS EN 13108-4	37
	<i>Table H.1 — Tests on material</i>	37
	<i>Table H.2 — Aggregate proportions for mix design</i>	38
	<i>Table H.3 — Binder proportions required for mix-design procedure</i>	39
	<i>Table H.4 — Mass of aggregate (coarse, fine and filler) and suggested binder contents for trial mixes</i>	39
	<i>Figure H.1 — Example of mixture design</i>	41
	<i>Table H.5 — Factors for the calculation of design binder content</i>	42
Annex I	(informative) Protocol for calibrating and operating indirect density gauges	42
Annex J	(informative) Tack coats	43
Annex K	(informative) Protocol for determination of the maximum binder content of porous asphalt and other bituminous mixtures without excessive binder drainage	44
	<i>Table K.1 — Test temperatures for porous asphalt with unmodified bitumen</i>	44
	<i>Figure K.1 — Typical diagram of mortar or binder drained</i>	46
Annex L	(informative) Guidance for the mix design of BBA for airfields to BS EN 13108-1	47
	Bibliography	49

Summary of pages

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”.

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

Requirements in this standard are drafted in accordance with *Rules for the structure and drafting of UK standards*, subclause **G.1.1**, which states, “Requirements should be expressed using wording such as: ‘When tested as described in [Annex A](#), the product shall ...’”. This means that only those products that are capable of passing the specified test shall conform to this standard.

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.

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