

Methods for

Determination of maximum density of bituminous mixtures

Committees responsible for this Draft for Development

The preparation of this Draft for Development was entrusted by Technical Committee B/510, Road materials, to Subcommittee B/510/1, Coated macadam and hot asphalt, upon which the following bodies were represented:

- BAA plc
- British Aggregate Construction Materials Industries
- County Surveyors' Society
- Department of the Environment
- Department of Transport (Highways Agency)
- Federation of Civil Engineering Contractors
- Institution of Civil Engineers
- Local Authority Organizations
- Road Surface Dressing Association
- Sand and Gravel Association Limited
- Society of Chemical Industry

The following bodies were also represented in the drafting of the Draft for Development through subcommittees and panels:

- British Civil Engineering Test Equipment Manufacturers' Association
- Department of Transport (Transport Research Laboratory)
- Institute of Asphalt Technology
- Institute of Petroleum
- Institution of Highways and Transportation
- Mastic Asphalt Producers' Association
- Refined Bitumen Association Ltd.
- Scottish Office (Building Directorate)
- Co-opted members

This Draft for Development, having been prepared under the direction of the Sector Board for Building and Civil Engineering, was published under the authority of the Standards Board and comes into effect on 15 May 1996

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Amendments issued since publication

Amd. No.	Date	Text affected
9259	October 1996	Indicated by a sideline in the margin

The following BSI references relate to the work on this standard:
Committee reference B/510/1

ISBN 0 580 25468 2

Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
Method	
1 Scope	1
2 References	1
3 Definitions	1
4 Principle	1
5 Apparatus	1
6 Sampling	2
7 Preparation	2
8 Procedure	2
9 Calculations	3
10 Precision	3
11 Supplementary procedure for mixtures containing incompletely coated aggregate or when it is suspected water has been absorbed into the sample during de-airing	4
12 Reporting of results	4
Annex	
A (normative) Volumetric calibration of pyknometer	5
Table	
1 Minimum test portion size	2
List of references	Inside back cover

This publication is not to be regarded as a British Standard

It is being issued in the Draft for Development series of publications and is of a provisional nature. It should be applied on this provisional basis, so that information and experience of its practical application may be obtained.

A review of this Draft for Development will be carried out not later than 2 years after its publication. Notification of the start of the review period, with a request for the submission of comments from users of this Draft for Development, will be made in an announcement in the appropriate issue of *BSI News*.

According to the replies received, the responsible BSI Committee will judge whether the Draft for Development can be converted into a British Standard or what other action should be taken.

Observations which it is felt should receive attention before the official call for comments will be welcomed.

These should be sent to the Secretary of BSI Subcommittee B/510/1 at BSI, 389 Chiswick High Road, London W4 4AL.

Foreword

This Draft for Development has been prepared by Subcommittee B/510/1. It describes a procedure for determining the maximum density of bituminous mixtures using a suitable container or pycnometer and water. The method is used, in conjunction with the compacted bulk density of bituminous specimens, to determine air void content.

This Draft for Development provides for the use of substances and/or procedures that may be injurious to health if adequate precautions are not taken. It refers only to technical suitability and does not absolve the user from legal obligations relating to health and safety at any stage (see **5.6**).

It has been assumed in the drafting of this Draft for Development that the execution of its provisions is entrusted to appropriately qualified and experienced people.