

# Bitumen and bituminous binders — Specifications for paving grade bitumens

ICS 91.100.50; 93.080.20

## National foreword

This British Standard is the UK implementation of EN 12591:2009. It supersedes BS EN 12591:2000 and together with BS EN 13924:2006, it supersedes BS 3690-1:1989+A2:2008 which is withdrawn. This was decided at a meeting of the responsible committee on 12 April 2011.

The UK participation in its preparation was entrusted by Technical Committee B/510, Road materials, to Subcommittee B/510/19, Bitumen and related products.

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

This Standard is a revision of BS EN 12591:2000 and incorporates the principle changes outlined below:

- further harmonization of the original standard;
- inclusion of Evaluation of Conformity and CE marking (presently voluntary in the UK);
- the properties of paving grade bitumens 20/30 pen through to 160/220 pen are now specified in Table 1A;
- paving grade bitumen 250/330 pen is now specified in Table 2A;
- addition of Table 3A for soft bitumens, however, these grades are not used in the UK.

In the tables, properties are subdivided into two groups as follows:

1. The properties in Table 1A, Table 2A and Table 3A are specified for all paving grade bitumens listed in each table. They are associated with regulatory or safety requirements. Furthermore, two severity levels for resistance to hardening are stated as alternatives in Table 1A.
2. The properties in Table 1B, Table 2B and Table 3B are required to meet specific regional requirements. They are associated with regulatory or other regional requirements.

Guidance for users on the implementation of BS EN 12591:2009 for paving grade bitumens for use in the construction and maintenance of roads and airfields in the UK is included in National Annex NA (informative).

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.**

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### Amendments/corrigenda issued since publication

Date	Comments
30 June 2011	Correction to supersession details in national foreword

English Version

## Bitumen and bituminous binders - Specifications for paving grade bitumens

Bitumes et liants bitumineux - Spécifications des bitumes routiers

Bitumen und bitumenhaltige Bindemittel - Anforderungen an Straßenbaubitumen

This European Standard was approved by CEN on 14 March 2009.

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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 Management Centre has the same status as the official versions.

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Management Centre: Avenue Marnix 17, B-1000 Brussels

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