

BS EN 12697-42:2012



BSI Standards Publication

Bituminous mixtures — Test methods for hot mix asphalt

Part 42: Amount of foreign matter in reclaimed asphalt

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National foreword

This British Standard is the UK implementation of EN 12697-42:2012. It supersedes BS EN 12697-42:2005 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/510/1, Asphalt products.

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

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

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

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Amendments issued since publication

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EUROPEAN STANDARD
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English Version

**Bituminous mixtures - Test methods for hot mix asphalt - Part
42: Amount of foreign matter in reclaimed asphalt**

Mélanges bitumineux - Méthodes d'essai pour mélange
hydrocarboné à chaud - Partie 42: Quantité de matériaux
étrangers présents dans les agrégats d'enrobés

Asphalt - Prüfverfahren für Heiasphalt - Teil 42:
Fremdstoffgehalt in Ausbauasphalt

This European Standard was approved by CEN on 13 October 2012.

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Foreword

This document (EN 12697-42:2012) has been prepared by Technical Committee CEN/TC 227 “Road materials”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2013, and conflicting national standards shall be withdrawn at the latest by May 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 12697-42:2005.

Compared with EN 12697-42:2005, the following significant changes have been made:

- definition of coarse foreign matter includes 8 mm minimum size;
- solvent for hydrocarbons made less specific;
- classifications for material brought directly into line with those in EN 13108-8;
- source of reclaimed asphalt to be reported clarified;
- annex for analysis of finer material added.

WARNING — The methods described in this European Standard require the use of solvents that are hazardous to health and are subject to occupational exposure limits as described in relevant legislation and regulations. Exposure levels are related to both handling procedures and ventilation provision and it is emphasised that adequate training should be given to staff employed in the usage of these substances.

EN 12697, *Bituminous mixtures — Test methods for hot mix asphalt* contains the following parts:

- *Part 1: Soluble binder content*
- *Part 2: Determination of particle size distribution*
- *Part 3: Bitumen recovery: Rotary evaporator*
- *Part 4: Bitumen recovery: Fractionating column*
- *Part 5: Determination of the maximum density*
- *Part 6: Determination of bulk density of bituminous specimens*
- *Part 7: Determination of bulk density of bituminous specimens by gamma rays*
- *Part 8: Determination of void characteristics of bituminous specimens*
- *Part 9: Determination of the reference density*
- *Part 10: Compactability*