

Bituminous mixtures — Test methods for hot mix asphalt —

Part 12: Determination of the water sensitivity of bituminous specimens

The European Standard EN 12697-12:2003 has the status of a
British Standard

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National foreword

This British Standard is the official English language version of EN 12697-12:2003.

The UK participation in its preparation was entrusted by Technical Committee B/510, Road materials, to Subcommittee B/510/1, Coated macadam and hot asphalt, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Bituminous mixtures - Test methods for hot mix asphalt - Part
12: Determination of the water sensitivity of bituminous
specimens

Mélanges bitumineux - Méthodes d'essai pour mélange
hydrocarboné à chaud - Partie 12 : Détermination de la
sensibilité à l'eau des éprouvettes bitumineuses

Asphalt - Prüfverfahren für Heiasphalt - Teil 12:
Bestimmung der Wasserempfindlichkeit von Asphalt-
Probekrpern

This European Standard was approved by CEN on 3 November 2003.

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Foreword

This document (EN 12697-12:2003) has been prepared by Technical Committee CEN/TC 227 “Road materials”, the secretariat of which is held by DIN.

The method described in this European Standard measures a property that is a surrogate for the water sensitivity of bituminous specimens because no satisfactory method has been developed for measuring the property directly. Alternative surrogate methods are currently being investigated by Technical Committee CEN/TC227 and may be used in a future revision of this European Standard.

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of an identical text or by endorsement, at the latest by June 2004, and conflicting national standards shall be withdrawn at the latest by August 2005.

This European Standard does not replace any existing European Standard.

This European Standard is one of a series for the testing of mechanical and physical properties of bituminous mixtures, as listed below:

EN 12697-1, *Bituminous mixtures — Test methods for hot mix asphalt — Part 1: Soluble binder content.*

EN 12697-2, *Bituminous mixtures - Test method for hot mix asphalt - Part 2: Determination of particle size distribution.*

EN 12697-3, *Bituminous mixtures — Test methods for hot mix asphalt — Part 3: Bitumen recovery: Rotary evaporator.*

EN 12697-4, *Bituminous mixtures — Test methods for hot mix asphalt — Part 4: Bitumen recovery: Fractionating column.*

EN 12697-5, *Bituminous mixtures — Test methods for hot mix asphalt — Part 5: Determination of the maximum density.*

EN 12697-6, *Bituminous mixtures — Test methods for hot mix asphalt — Part 6: Determination of bulk density of bituminous specimens.*

EN 12697-7, *Bituminous mixtures — Test methods for hot mix asphalt — Part 7: Determination of bulk density of bituminous specimens by gamma rays.*

EN 12697-8, *Bituminous mixtures - Test methods for hot mix asphalt - Part 8: Determination of void characteristics of bituminous specimens.*

EN 12697-9, *Bituminous mixtures — Test methods for hot mix asphalt — Part 9: Determination of the reference density.*

EN 12697-10, *Bituminous mixtures — Test methods for hot mix asphalt — Part 10: Compactibility.*

EN 12697-11, *Bituminous mixtures - Test methods for hot mix asphalt - Part 11: Determination of the affinity between aggregate and bitumen.*

EN 12697-12, *Bituminous mixtures - Test methods for hot mix asphalt - Part 12: Determination of the water sensitivity of bituminous specimens.*