

BS EN 12697-19:2012



BSI Standards Publication

Bituminous mixtures — Test methods for hot mix asphalt

Part 19: Permeability of specimen

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National foreword

This British Standard is the UK implementation of EN 12697-19:2012. It supersedes BS EN 12697-19:2004 which is withdrawn.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.

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English Version

**Bituminous mixtures - Test methods for hot mix asphalt - Part
19: Permeability of specimen**

Mélanges bitumineux - Méthodes d'essai pour mélange
hydrocarboné à chaud - Partie 19: Perméabilité des
éprouvettes

Asphalt - Prüfverfahren für Heißasphalt - Teil 19:
Durchlässigkeit der Probekörper

This European Standard was approved by CEN on 26 February 2012.

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Foreword

This document (EN 12697-19:2012) 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of an identical text or by endorsement, at the latest by October 2012, and conflicting national standards shall be withdrawn at the latest by October 2012.

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 12697-19:2004+A1:2007.

The following is a list of significant technical changes since the previous edition:

- clarification in the scope that the method is for bituminous mixtures with interconnecting voids;
- clarification of the requirements for the permeameters for both vertical and horizontal permeability;
- note added that the measuring time can be decreased for large amounts of water for measuring both vertical and horizontal permeability;
- clarification that the typical value from the calculation of the horizontal permeability is only for when testing porous asphalt;
- additional item in test results on testing time, if less than 60 s, for individual samples.

This document is one of a series of standards 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 methods 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*