



SLOVENSKI STANDARD
oSIST prEN 12697-29:2019
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Bitumenske zmesi - Preskusne metode - 29. del: Ugotavljanje mer bitumenskega preskušanca

Bituminous mixtures - Test methods - Part 29: Determination of the dimensions of a bituminous specimen

Asphalt - Prüfverfahren - Teil 29: Bestimmung der Maße von Asphalt-Probekörpern

Matériaux enrobés - Méthode d'essai - Partie 29 : Détermination des dimensions du spécimen bitumineux

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EUROPEAN STANDARD
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ICS

Will supersede EN 12697-29:2002

English Version

Bituminous mixtures - Test methods - Part 29: Determination of the dimensions of a bituminous specimen

Matériaux enrobés - Méthode d'essai - Partie 29 :
Détermination des dimensions du spécimen
bitumineux

Asphalt - Prüfverfahren - Teil 29: Bestimmung der
Maße von Asphalt-Probekörpern

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 227.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN 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-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (prEN 12697-29:2018) has been prepared by Technical Committee CEN/TC 227 “Road materials”, the secretariat of which is held by BSI.

This document is currently submitted to the enquiry.

This document will supersede EN 12697-29:2002.

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

- The title no longer makes the method exclusively for hot mix asphalt;
- [ge] Editorial update according to current standard template.

A list of all parts in the EN 12697 series can be found on the CEN website.

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prEN 12697-29:2018 (E)**1 Scope**

This document specifies a test method for determining the dimensions of cylindrical, rectangular or non-rectangular bituminous test specimens by measurement.

The applicability of this document is described in the product standards for bituminous mixtures.

The test is applicable to laboratory-made specimens, trimmed by sawing, or specimens from cores cut from the road, trimmed by sawing.

2 Apparatus

2.1 Calliper gauge.

2.2 Approved jig or other device.

3 Procedure**3.1 General**

The measurements should preferably be made with the specimen standing firmly on its upper face in a vertical position. Alternatively the specimen can be laid on a level surface in a horizontal position and rolled as necessary to permit the taking of all measurements.

3.2 Measurement of height

3.2.1 Take four measurements evenly spaced around the perimeter of each specimen. The position of these measurements shall be clearly marked along each specimen. All measurements shall have a limit deviation of $\pm 0,1$ mm.

3.2.2 Each measurement shall be made approximately 10 mm in from the edge of the specimen.

3.2.3 Define the average of the four measurements as the height of the specimen and express it to the nearest 0,1 mm.

3.3 Measurement of diameter

3.3.1 Take two measurements perpendicular to each other at the top, the middle and the bottom of the specimen. All measurements shall have a limit deviation of $\pm 0,1$ mm.

3.3.2 Define the average of the six measurements as the diameter of the specimen and express it to the nearest 0,1 mm.

3.4 Measurement of (non)-rectangular specimens

3.4.1 Take four measurements evenly spaced around the perimeter of each specimen in each direction (height, width and depth). If the dimensions in one or more directions change substantially (e.g. a two point bending test specimen) the number of measurements in that direction shall be extended in such a way that the volume of the specimen can always be calculated.

The position of the measurements shall be clearly marked along each specimen. All measurements shall have a limit deviation of $\pm 0,1$ mm.

3.4.2 Each measurement shall be made near the edges of the specimen.