

**Bituumensegudes kasutatava
fillertäitematerjali katsetamine. Osa 2:
Bituumeni arv**

Tests for aggregate used in bituminous mixtures -
Part 2: Bitumen number

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13179-2:2001 sisaldab Euroopa standardi EN 13179-2:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 04.04.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13179-2:2001 consists of the English text of the European standard EN 13179-2:2000.</p> <p>This document is endorsed on 04.04.2001 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This European Standard specifies the procedure for determining the apparent viscosity of a water-filler aggregate mixture, expressed numerically. The test procedure is applicable to filler aggregate used in bituminous mixtures to regulate production control.</p>	<p>Scope:</p> <p>This European Standard specifies the procedure for determining the apparent viscosity of a water-filler aggregate mixture, expressed numerically. The test procedure is applicable to filler aggregate used in bituminous mixtures to regulate production control.</p>
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ICS 75.140

Võtmesõnad:

ICS 75.140

English version

Tests for filler aggregate used in bituminous mixtures

Part 2: Bitumen number

Essais sur les fillers utilisés dans les
mélanges bitumineux – Partie 2:
Viscosité apparente (Nombre-bitume)

Prüfverfahren für mineralische Füller
in bitumenhaltigen Mischungen –
Teil 2: Bitumenzahl

This European Standard was approved by CEN on 2000-07-13.

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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 154 "Aggregates", the secretariat of which is held by BSI.

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 February 2001, and conflicting national standards shall be withdrawn at the latest by December 2003.

This European Standard forms part of series of tests for bituminous bound filler aggregates.

Test methods for other properties of aggregates will be covered by parts of the following European Standards:

EN 932	Tests for general properties of aggregates
EN 933	Tests for geometrical properties of aggregates
EN 1097	Tests for mechanical and physical properties of aggregates
EN 1367	Tests for thermal and weathering properties of aggregates
EN 1744	Tests for chemical properties of aggregates

The other part of EN 13179 will be:

Part 1: Delta ring and ball test

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies the procedure for determining the apparent viscosity of a water-filler aggregate mixture, expressed numerically.

The test procedure is applicable to filler aggregate used in bituminous mixtures to regulate production control.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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|----------|---|
| EN 932-2 | <i>Tests for general properties of aggregates - Part 2: Methods for reducing laboratory samples</i> |
| EN 932-5 | <i>Tests for general properties of aggregate - Part 5: Common equipment and calibration</i> |
| EN 1426 | <i>Bitumen and bituminous binders - Determination of needle penetration</i> |

3 Terms and definitions

For the purposes of this European Standard the following terms and definitions apply:

3.1

bitumen number

amount of water, when mixed with 100 g of filler aggregate, to give a mixture with a defined apparent viscosity.

3.2

laboratory sample

reduced sample derived from a bulk sample for laboratory testing.

3.3

test portion

sample used as a whole in a single test

4 Principle

A filler aggregate mixture placed in a cylindrical cup is penetrated for 5 s with an aluminium stamp 8 mm in diameter with a mass of 15 g. The amount of water required to give a penetration of the stamp in the mixture between 5,0 mm and 7,0 mm is determined.