

**Bitumen and bituminous binders -
Determination of the paraffin wax
content - Part 1: Method by distillation**

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the paraffin wax content - Part 1: Method by
distillation

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12606-1:2007 sisaldab Euroopa standardi EN 12606-1:2007 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 20.04.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12606-1:2007 consists of the English text of the European standard EN 12606-1:2007.</p> <p>This document is endorsed on 20.04.2007 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: This European Standard specifies a procedure for determining the paraffin wax content of bitumen and bituminous binder by the DIN method.</p>	<p>Scope: This European Standard specifies a procedure for determining the paraffin wax content of bitumen and bituminous binder by the DIN method.</p>
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ICS 75.140, 91.100.50

Võtmesõnad:

English Version

Bitumen and bituminous binders - Determination of the paraffin wax content - Part 1: Method by distillation

Bitumes et liants bitumineux - Détermination de la teneur en paraffines - Partie 1 : Méthode par distillation

Bitumen und bitumenhaltige Bindemittel - Bestimmung des Paraffingehaltes - Teil 1: Destillationsverfahren

This European Standard was approved by CEN on 3 February 2007.

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This European Standard exists 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 Management Centre has the same status as the official versions.

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Foreword

This document (EN 12606-1:2007) has been prepared by Technical Committee CEN/TC 336 "Bituminous binders", the secretariat of which is held by AFNOR.

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 September 2007, and conflicting national standards shall be withdrawn at the latest by September 2007.

This document supersedes EN 12606-1:1999.

This draft European standard EN 12606 consists of the following parts under the general title *Bitumen and bituminous binders – Determination of the paraffin wax content*

Part 1: Method by distillation

Part 2: Method by extraction

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

1 Scope

This European Standard specifies a procedure for determining the paraffin wax content of bitumen and bituminous binder by the DIN method.

Aqueous bituminous binders, fluxed or cut-back anhydrous binders, and modified binders, whatever their consistency, are not within the scope of the present test method.

WARNING — Use of this European standard can involve hazardous materials, operations and equipment. This European standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 58, *Bitumen and bituminous binders – Sampling bituminous binders*

EN 1425, *Bitumen and bituminous binders - Characterization of perceptible properties*

EN 12594, *Bitumen and bituminous binders – Preparation of test samples*

EN ISO 3696:1995, *Water for analytical laboratory use – Specification and test methods (ISO 3696:1987)*

ISO 383, *Laboratory glassware – Interchangeable conical ground joints*

3 Terms and definitions

For the purposes of this document, the following term and definition applies.

3.1 paraffin wax
mixture of hydrocarbons crystallising in a 50 % volume fraction mixture of ether/ethanol at temperatures down to - 20 °C, obtained by a specified process and having a melting range of above 25 °C

4 Principle

Paraffin wax present in bitumen is determined in the distillate obtained from a specified distillation process.

5 Reagents and materials

5.1 General

Use only reagents of recognized analytical grade and water conforming to grade 3 of EN ISO 3696:1995 unless otherwise specified.