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

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/15

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## EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 12606-1

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Supersedes EN 12606-1:2007

### **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 27 May 2015.

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 CEN-CENELEC Management Centre or to any CEN member.

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-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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## EN 12606-1:2015 (E)

Cont	rents Page
Forew	ord3
1	Scope4
2	Normative references4
3	Terms and definitions4
4	Principle4
5	Reagents and materials5
6	Apparatus5
7	Sampling6
8	Procedure6
9	Calculation8
10	Expression of results8
11 11.1 11.2	Precision
12	Test report9
13	Figures 10

EN 12606-1:2015 (E)

## **Foreword**

This document (EN 12606-1:2015) has been prepared by Technical Committee CEN/TC 336 "Bituminous binders", the secretariat of which is held by AFNOR.

This document supersedes EN 12606-1:2007.

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 January 2016, and conflicting national standards shall be withdrawn at the latest by January 2016.

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.

The standard has been revised due to a normative reference to mercury thermometers. The changes involve mainly the text in 6.2. The terms "sample thermometer" and "bath thermometer" have been changed, as a consequence, to "sample temperature transducer" and "bath temperature transducer" respectively in some subparagraphs of Clause 8.

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.

The changes introduced mainly involve the revision of the text in 6.2 relating to the mentioning of mercury thermometers as reference thermometers.

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the 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 documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN