

Bitumen and bituminous binders - Framework for specification of oxidised bitumens

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specification of oxidised bitumens

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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| <p>Käesolev Eesti standard EVS-EN 13304:2003 sisaldab Euroopa standardi EN 13304:2003 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.05.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p> | <p>This Estonian standard EVS-EN 13304:2003 consists of the English text of the European standard EN 13304:2003.</p> <p>This document is endorsed on 16.05.2003 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 provides a framework for the specification of oxidised bitumen used mainly in roofing, waterproofing and adhesives</p> | <p>Scope: This European Standard provides a framework for the specification of oxidised bitumen used mainly in roofing, waterproofing and adhesives</p> |
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ICS 91.100.50

Võtmesõnad:

ICS 75.140; 91.100.50

English version

Bitumen and bituminous binders - Framework for specification of oxidised bitumens

Bitumes et liants bitumineux - Cadre de spécifications des bitumes oxydés

Bitumen und bitumenhaltige Bindemittel - Spezifikationsrahmen für oxidiertes Bitumen

This European Standard was approved by CEN on 17 January 2003.

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| Contents | | page |
|-----------------|-----------------------------------|-------------|
| Foreword | | 3 |
| 1 | Scope | 4 |
| 2 | Normative references | 4 |
| 3 | Properties and test methods | 4 |
| 4 | Typical grades | 5 |

Foreword

This document (EN 13304:2003) 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of an identical text or by endorsement, at the latest by October 2003, and conflicting national standards shall be withdrawn at the latest by October 2003.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovak Republic, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard provides a framework for the specification of oxidised bitumen used mainly in roofing, waterproofing and adhesives.

Within Europe several types of oxidised bitumens are used and, dependent on climatic conditions, type of building construction and traditional practices, different grades may be used for the same purpose. The framework given in this Standard provides a basis for quality agreements to be established between supplier and client.

The oxidised bitumen products are graded by a combination of the values of ring and ball softening point and penetration at 25 °C, expressed as multiples of 5.

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).

EN 1426, *Bitumen and bituminous binders – Determination of needle penetration.*

EN 1427, *Bitumen and bituminous binders – Determination of softening point – Ring and ball method.*

EN 12592, *Bitumen and bituminous binders – Determination of solubility.*

EN 12593, *Bitumen and bituminous binders – Determination of the Fraass breaking point.*

EN 13301, *Bitumen and bituminous binders – Determination of staining tendency of bitumen.*

EN 13302, *Bitumen and bituminous binders – Determination of viscosity of bitumen using a rotating spindle apparatus.*

EN 13303, *Bitumen and bituminous binders – Determination of the loss in mass after heating of industrial bitumen.*

EN ISO 2592, *Determination of flash and fire points - Cleveland open cup method (ISO 2592:2000)*

EN ISO 3838, *Crude petroleum and liquid or solid petroleum products – Determination of density or relative density – Capillary-stoppered pyknometer and graduated bicapillary pyknometer methods (ISO 3838:1983).*

3 Properties and test methods

The specification of an oxidised bitumen shall be made according to the rules given in Table 1: