

**Bitumen and bituminous binders - Framework of
specification of hard industrial bitumens**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 13305:2009 sisaldab Euroopa standardi EN 13305:2009 ingliskeelset teksti.

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Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 13305:2009 consists of the English text of the European standard EN 13305:2009.

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English Version

Bitumen and bituminous binders - Framework for specification of
hard industrial bitumens

Bitumes et liants bitumineux - Cadre de spécifications des
bitumes industriels durs

Bitumen und bitumenhaltige Bindemittel -
Spezifikationsrahmen für Hartbitumen für industrielle
Anwendungen

This European Standard was approved by CEN on 10 February 2009.

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Foreword

This document (EN 13305:2009) 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of an identical text or by endorsement, at the latest by September 2009, and conflicting national standards shall be withdrawn at the latest by September 2009.

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.

This document supersedes EN 13305:2003.

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1 Scope

This European Standard provides a framework for the specification of hard industrial bitumens used mainly in flooring, varnishes, mineral rubber, roofing and mastic.

Within Europe several types of hard industrial bitumen are used, and dependent upon traditional practices, different grades may be used for the same purpose. The framework given in this European standard provides a basis for quality agreements to be established between supplier and client.

The hard industrial bitumen products are graded by the limits of the ring and ball softening point values, expressed as multiples of 5, and are characterised by an H in front of the values.

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

EN 1427, *Bitumen and bituminous binders – Determination of the softening point – Ring and Ball method*

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

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

EN 15326, *Bitumen and bituminous binders – Measurement of density and specific gravity – Capillary-stoppered pyknometer method*

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

3 Properties and test methods

Hard industrial bitumens are specified according to the limits of softening point values. The specification of hard industrial bitumens with stated values shall be made according to the rules given in Table 1: