



**NSAI**  
Standards

Irish Standard  
I.S. EN 13305:2009

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

# I.S. EN 13305:2009

*Incorporating amendments/corrigenda issued since publication:*

<i>This document replaces:</i> I.S. EN 13305:2003	<i>This document is based on:</i> EN 13305:2009 EN 13305:2003	<i>Published:</i> 18 March, 2009 15 August, 2003
This document was published under the authority of the NSAI and comes into effect on: 15 May, 2009		ICS number: 75.140 91.100.50
<b>NSAI</b> 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	<b>Sales:</b> T +353 1 857 6730 F +353 1 857 6729 W standards.ie
		<b>Price Code:</b> D
Údarás um Chaighdeáin Náisiúnta na hÉireann		

**I.S. EN 13305:2009**

**EUROPEAN STANDARD**

**EN 13305**

**NORME EUROPÉENNE**

**EUROPÄISCHE NORM**

March 2009

ICS 75.140; 91.100.50

Supersedes EN 13305:2003

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.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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.



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

**Management Centre: Avenue Marnix 17, B-1000 Brussels**

## **Contents**

Page

<b>Foreword.....</b>	<b>3</b>
<b>1     Scope .....</b>	<b>4</b>
<b>2     Normative references .....</b>	<b>4</b>
<b>3     Properties and test methods .....</b>	<b>4</b>
<b>4     Typical grades.....</b>	<b>5</b>

## **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.

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 the United Kingdom.

## **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 pycnometer 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:

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- Looking for additional Standards? Visit Intertek Inform Infostore
  - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-