BRITISH STANDARD

BS EN 12849:2009
BS 2000-487:2009

Bitumen and bituminous binders — Determination of penetration power of bituminous emulsions

ICS 75.140; 91.100.50

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

Full document details: BS EN 12849:2009

National foreword

This British Standard is the UK implementation of EN 12849:2009. It supersedes BS EN 12849:2002 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PTI/13, Petroleum testing and terminology.

Energy Institute, under the brand of IP, publishes and sells all Parts of BS 2000, and all BS EN petroleum test methods that would be Part of BS 2000, both in its annual publication "Standard methods for analysis and testing of petroleum and related products and British Standard 2000 Parts" and individually.

Further information is available from:
Energy Institute, 61 New Cavendish Street, London W1G 7AR.
Tel: 020 7467 7100. Fax: 020 7255 1472.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 April 2009

© BSI 2009

ISBN 978 0 580 64097 1

Amendments/corrigenda issued since publication

Date	Comments

Documents
Document Sharing Hub

Full document details: BS EN 12849:2009

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 12849

March 2009

ICS 75.140; 91.100.50

Supersedes EN 12849:2002

English Version

Bitumen and bituminous binders - Determination of penetration power of bituminous emulsions

Bitumes et liants bitumineux - Détermination du pouvoir de percolation des émulsions de bitume

Bitumen und bitumenhaltige Bindemittel - Bestimmung der Eindringfähigkeit von Bitumenemulsionen

This European Standard was approved by CEN on 17 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

© 2009 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 12849:2009: E

Documents
Document Sharing Hub

Full document details: BS EN 12849:2009

Contents

Page

Foreword 3
1 Scope 4
2 Normative references 4
3 Terms and definitions 4
4 Principle 4
5 Reagents and materials 4
6 Apparatus 5
7 Sampling 6
8 Procedure 6
9 Expression of results 6
10 Precision 7
11 Test report 7
Annex A (normative) Characteristics of the Silica Sand Type F 34 8
Annex B (normative) Characteristics of the Testing Silica Filler 315-001 9
Bibliography 10

Documents
Document Sharing Hub
Full document details: BS EN 12849:2009

Foreword

This document (EN 12849:2009) 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 12849:2002.

From the previous edition, new reference filler is now specified; a mixture of silica sand and silica filler is used as reference filler. Characteristics of both silica sand and silica filler are given respectively in normative Annex A and Annex B.

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.

Documents
Document Sharing Hub
Full document details: BS EN 12849:2009