

BS EN 13108-20:2016



BSI Standards Publication

Bituminous mixtures — Material specifications

Part 20: Type Testing

bsi.

This is a preview. Click [here](#) to purchase the full publication.

National foreword

This British Standard is the UK implementation of EN 13108-20:2016. It supersedes BS EN 13108-20:2006 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/510/1, Asphalt products.

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.

© The British Standards Institution 2016. Published by BSI Standards Limited 2016

ISBN 978 0 580 82052 6

ICS 93.080.20

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 June 2016.

Amendments issued since publication

Date	Text affected

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13108-20

June 2016

ICS 93.080.20

Supersedes EN 13108-20:2006

English Version

**Bituminous mixtures - Material specifications - Part 20:
Type Testing**

Mélanges bitumineux - Spécifications pour le matériau
- Partie 20: Épreuve de formulation

Asphalitmischgut - Mischgutanforderungen - Teil 20:
Typprüfung

This European Standard was approved by CEN on 27 February 2016.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

	Page
European foreword.....	4
Introduction	6
1 Scope.....	7
2 Normative references.....	7
3 Terms and definitions	10
4 Requirements for Type Testing	10
4.1 General.....	10
4.2 Validity.....	11
4.2.1 Period of validity	11
4.2.2 Changes in aggregate	11
4.2.3 Change in bitumen.....	11
4.2.4 Change in Reclaimed Asphalt.....	12
4.2.5 Change in additive.....	12
5 Constituent materials	12
6 Bituminous Mixtures	12
6.1 General.....	12
6.2 Application	12
6.3 Sampling and testing.....	13
6.4 Composition	13
6.5 Specimen preparation.....	13
6.5.1 General.....	13
6.5.2 Laboratory validation.....	13
6.5.3 Production validation.....	13
7 Type Test Report.....	14
7.1 General.....	14
7.2 Constituents	14
7.3 Mix formulation	14
7.4 Temperatures.....	15
7.5 Test results	15
Annex A (normative) Properties and test methods for constituent materials	16
Annex B (normative) Summary of properties and test methods for bituminous mixtures.....	17
B.1 Asphalt Concrete (EN 13108-1)	17
B.2 Asphalt Concrete for Very Thin Layers, BBTM (EN 13108-2)	18
B.3 Soft Asphalt (EN 13108-3).....	19
B.4 Hot Rolled Asphalt (EN 13108-4)	19
B.5 Stone Mastic Asphalt (EN 13108-5)	20
B.6 Mastic asphalt (EN 13108-6).....	21
B.7 Porous Asphalt (EN 13108-7)	21
B.8 Asphalt for Ultra-Thin Layers, AUTL (EN 13108-9)	22
Annex C (normative) Methods of specimen preparation.....	23
C.1 General.....	23