



BSI Standards Publication

Flexible sheets for waterproofing — Bitumen sheets for roof waterproofing — Determination of flow resistance at elevated temperature

National foreword

This British Standard is the UK implementation of EN 1110:2010. It supersedes BS EN 1110:2000 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/546/1, Waterproofing Sheets - Reinforced bitumen membranes.

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.

© BSI 2011

ISBN 978 0 580 71037 7

ICS 91.100.50

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 31 January 2011.

Amendments issued since publication

Date	Text affected
------	---------------

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1110

December 2010

ICS 91.100.50

Supersedes EN 1110:1999

English Version

**Flexible sheets for waterproofing - Bitumen sheets for roof
waterproofing - Determination of flow resistance at elevated
temperature**

Feuilles souples d'étanchéité - Feuilles d'étanchéité de
toitures bitumineuses - Détermination de la résistance au
fluage à température élevée

Abdichtungsbahnen - Bitumenbahnen für
Dachabdichtungen - Bestimmung der
Wärmestandfestigkeit

This European Standard was approved by CEN on 28 November 2010.

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, 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

© 2010 CEN All rights of exploitation in any form and by any means reserved
worldwide for CEN national Members.

Ref. No. EN 1110:2010: E

Contents

Page

Foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Principle	5
5 Apparatus	6
6 Sampling	6
7 Preparation of test specimens	6
8 Procedure	6
8.1 Preparation for test.....	6
8.2 Determination of flow resistance at a specified temperature	7
8.3 Determination of flow resistance limit.....	7
9 Calculation of results, evaluation and precision of test method	7
9.1 Flow resistance	7
9.2 Flow resistance limit	7
9.3 Precision of test method	7
9.3.1 General.....	7
9.3.2 Repeatability.....	8
9.3.3 Reproducibility.....	8
10 Test report	8
Bibliography	10

Foreword

This document (EN 1110:2010) has been prepared by Technical Committee CEN/TC 254 “Flexible sheets for waterproofing”, the secretariat of which is held by NEN.

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 June 2011, and conflicting national standards shall be withdrawn at the latest by June 2011.

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 1110:1999.

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, Croatia, 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.