

Geregistreeerde Belgische norm

NBN EN 12311-1

1e uitg., november 1999

Normklasse : B 46

Flexibele banen voor waterafdichtingen - Deel 1: Bitumen banen voor waterafdichtingen voor banen - Bepaling van de treksterkte

Feuilles souples d'étanchéité - Partie 1: Feuilles d'étanchéité de toiture bitumineuses - Détermination des propriétés en traction

Flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing - Determination of tensile properties

Toelating tot publicatie : 15 november 1999

Deze Europese norm EN 12311-1 : 1999 heeft de status van een Belgische norm.

Deze Europese norm bestaat in drie officiële versies (Duits, Engels, Frans); de Nederlandse vertaling werd gemaakt door het Belgisch Instituut voor Normalisatie (BIN) en heeft dezelfde waarde.

Deze norm is een deel van een pakket van Europese normen waarvan de nationale implementatie later zal plaatsvinden.



Belgisch instituut voor normalisatie (BIN), vereniging zonder winstoogmerk
Brabançonnelaan 29 - 1000 BRUSSEL - telefoon: 02 738 01 12 - fax: 02 733 42 64
e-mail: info@bin.be - BIN Online: www.bin.be - prk. 000-0063310-66

ICS: 91.100.50

***norme belge
enregistrée***

NBN EN 12311-1

1e éd., novembre 1999

Indice de classement : B 46

Feuilles souples d'étanchéité - Partie 1: Feuilles d'étanchéité de toiture bitumineuses - Détermination des propriétés en traction

Flexibele banen voor waterafdichtingen - Deel 1: Bitumen banen voor waterafdichtingen voor banen - Bepaling van de treksterkte

Flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing - Determination of tensile properties

Autorisation de publication : 15 novembre 1999

La présente norme européenne EN 12311-1 : 1999 a le statut d'une norme belge.

La présente norme européenne existe en trois versions officielles (allemand, anglais, français); la traduction néerlandaise a été faite par l'Institut Belge de Normalisation (IBN) et a le même statut.

La présente norme fait partie d'un paquet de normes européennes dont la mise en application nationale se fera ultérieurement.



Institut belge de normalisation (IBN), association sans but lucratif

avenue de la Brabançonne 29 - 1000 BRUXELLES - téléphone: 02 738 01 12 - fax: 02 733 42 64

e-mail: info@ibn.be - IBN Online: www.ibn.be - CCP. 000-0063310-66

ICS 91.100.50

English version

Flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing - Determination of tensile properties

Feuilles souples d'étanchéité - Partie 1: Feuilles d'étanchéité de toiture bitumineuses - Détermination des propriétés en traction

Abdichtungsbahnen - Teil 1: Bitumenbahnen für Dachabdichtungen - Bestimmung des Zug-Dehnungsverhaltens

This European Standard was approved by CEN on 21 August 1999.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Contents

	Page
Foreword	3
Introduction	3
1 Scope	3
2 Normative references	3
3 Definitions	3
4 Principle	3
5 Apparatus	4
6 Sampling	4
7 Preparation of test specimens	4
8 Procedure	4
9 Expression of results, evaluation and precision of test method	4
10 Test report	5

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 254 "Flexible sheets for waterproofing", the secretariat of which is held by BSI.

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 March 2000, and conflicting national standards shall be withdrawn at the latest by September 2001.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This European Standard is intended for the characterisation of bitumen sheets as manufactured or supplied before use. The test method relates exclusively to products, or to their components where appropriate, and not to waterproofing membrane systems composed of such products and installed in the works.

This test is intended to be used in conjunction with European Standards on product characteristics on reinforced and unreinforced bitumen sheets for roof waterproofing.

1 Scope

This European Standard specifies a method for the determination of the tensile properties of bitumen sheets for roofing.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN10002-2, Metallic materials - Tensile testing - Part 2 : Verification of the force of measuring system of the tensile testing machines.

3 Definitions

For the purposes of this standard the definitions indicated in 3.1 to 3.3 and in the corresponding European Standard on product specifications apply:

3.1 maximum tensile force: The largest value of tensile force occurring during testing.

3.2 elongation at maximum tensile force: Elongation of the test specimen occurring at the maximum tensile force.

3.3 gauge length: The initial test length, i.e. the distance between the grips or extensometer measuring points.