

**Flexible sheets for waterproofing -  
Underlays for discontinuous roofing  
and walls - Determination of resistance  
to water penetration**

Flexible sheets for waterproofing - Underlays for  
discontinuous roofing and walls - Determination of  
resistance to water penetration

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 13111:2001 sisaldab Euroopa standardi EN 13111:2001 ingliskeelset teksti.	This Estonian standard EVS-EN 13111:2001 consists of the English text of the European standard EN 13111:2001.
Käesolev dokument on jõustatud 16.11.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 16.11.2001 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

<b>Käsitlusala:</b> This European Standard specifies a method to test the resistance against water penetration of underlays for discontinuous roofing and for walls.	<b>Scope:</b> This European Standard specifies a method to test the resistance against water penetration of underlays for discontinuous roofing and for walls.
---	---

**ICS** 91.100.50

**Võtmesõnad:** climatic protect, consistency, detection, holes, management, roofing, sampling, slabs, slate roofing, slating, sprocket feed holes, surface defects, test equipment, testing, underceilings, water permeability, water proof sheetings, water-proof sheeting for roofs

ICS 91.100.50

English version

**Flexible sheets for waterproofing - Underlays for discontinuous  
roofing and walls - Determination of resistance to water  
penetration**

Feuilles souples d'étanchéité - Ecrans de sous-toiture et  
pare-pluie pour murs - Détermination de la résistance à la  
pénétration de l'eau

Abdichtungsbahnen - Unterdeck- und Unterspannbahnen  
für Dachdeckungen und Wände - Bestimmung des  
Widerstandes gegen Wasserdurchgang

This European Standard was approved by CEN on 4 February 2001.

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 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 Management Centre 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

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

## Contents

	Page
Foreword .....	3
Introduction .....	3
1 Scope .....	3
2 Normative references .....	3
3 Terms and definitions .....	3
4 Principle .....	3
5 Apparatus .....	3
6 Sampling and preparation of test specimens .....	4
7 Procedure .....	6
8 Evaluation of results .....	6
9 Test report .....	6

## 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 September 2001, 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 one of a series of standards which specify test methods for the characterization and/or classification of industrially manufactured underlays. The methods of test relate to products exclusively.

This European Standard applies in conjunction with European Standards specifying definitions and characteristics on underlays for discontinuous roofing and walls.

## 1 Scope

This European Standard specifies a method to test the resistance against water penetration of underlays for discontinuous roofing and for walls.

## 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 (including amendments).

prEN 13416:2000

Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roof waterproofing - Rules for sampling

## 3 Terms and definitions

For the purpose of this European Standard, the definitions indicated in the corresponding European Standards specifying definitions and characteristics on underlays for discontinuous roofing and walls apply.

## 4 Principle

Test specimens of the sheet are subjected to a waterhead and the volume of penetrating water is measured.

A conditioned test specimen is positioned as a water-carrying layer into a device with flange and defined basic surface.

Water occasionally penetrating the test specimen will be collected in a basin positioned under the testing apparatus and volumetrically measured at the end of the test.