

**Flexible sheets for waterproofing -
Plastic and rubber sheets for roof
waterproofing - Methods for exposure
to liquid chemicals, including water**

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rubber sheets for roof waterproofing - Methods for
exposure to liquid chemicals, including water

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1847:2001 sisaldab Euroopa standardi EN 1847:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.06.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1847:2001 consists of the English text of the European standard EN 1847:2001.</p> <p>This document is endorsed on 18.06.2001 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This standard specifies a method of exposing test specimens of plastic and rubber sheets for roofing, free from all external restraint, to liquid chemicals (including water), and methods for determining the changes in properties resulting from such exposure. Only testing by immersion of the entire surface of the test specimen is considered.</p>	<p>Scope:</p> <p>This standard specifies a method of exposing test specimens of plastic and rubber sheets for roofing, free from all external restraint, to liquid chemicals (including water), and methods for determining the changes in properties resulting from such exposure. Only testing by immersion of the entire surface of the test specimen is considered.</p>
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ICS 91.100.50

Võtmesõnad: climatic protect, propertie, protection against water from the ground, roof coverings, roof sealing, roof underlays, roofing, roofs, rubber, sealing, sheets, test reports, testing, thermoplastic polymers, water proof sheetings, waterproofing, waterproofing materials

ICS 83.140; 91.060.20

English version

Flexible sheets for waterproofing

Plastic and rubber sheets for roof waterproofing

Methods for exposure to liquid chemicals, including water

Feuilles souples d'étanchéité –
Feuilles d'étanchéité de toitures
plastiques et élastomères – Méthodes
d'exposition aux produits chimiques
liquides, y compris l'eau

Abdichtungsbahnen – Kunststoff- und
Elastomerbahnen für Dachabdich-
tungen – Bestimmung der Einwirkung
von Flüssigchemikalien, einschließ-
lich Wasser

This European Standard was approved by CEN on 2000-12-02.

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.

The European Standards exist 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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

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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 July 2001, and conflicting national standards shall be withdrawn at the latest by July 2002.

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 characterisation and /or classification of plastic and rubber sheets as manufactured or supplied before use. This 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 Standard "Definitions and Characteristics" for plastic and rubber sheets for roof waterproofing.

1 Scope

This European Standard specifies a method of exposing test specimens of plastic and rubber sheets for roofing, free from all external restraint, to liquid chemicals (including water), and methods for determining the changes in properties resulting from such exposure.

Only testing by immersion of the entire surface of the test specimen is considered.

The methods for determination of changes in properties are specified as follows:

- a) changes in mass immediately after immersion or after immersion and drying;
- b) changes in dimensions immediately after immersion or after immersion and drying;
- c) changes in appearance immediately after immersion or after immersion and drying; and
- d) changes in physical properties immediately after immersion or after immersion and drying;

Tests immediately after immersion are used when it is required to ascertain the state of the material while still acted upon by the liquid.

Tests after immersion and drying are used when it is required to ascertain the state of the material after the liquid, if it is volatile, has been eliminated.

2 Normative references

This European Standard incorporates by dated or undated references, 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 editions of the publication referred to apply (including amendments).

EN 495-5 Flexible sheets for waterproofing – Determination of foldability at low temperature –
Part 5: Plastic and rubber sheets for roof waterproofing

EN 1107-2 Flexible sheets for waterproofing – Determination of dimensional stability –
Part 2: Plastic and rubber sheets for roof waterproofing