

**Flexible sheets for waterproofing -
Bitumen, plastic and rubber sheets for
roof waterproofing - Determination of
resistance to static loading**

Flexible sheets for waterproofing - Bitumen, plastic
and rubber sheets for roof waterproofing -
Determination of resistance to static loading

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12730:2001 sisaldab Euroopa standardi EN 12730:2001 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 12730:2001 consists of the English text of the European standard EN 12730:2001.</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 test for puncture by static loading for roofing membranes. Mechanical stress on membranes varies from static long-term loads to dynamic short-term loads. This method represents the static category of load where the stress is applied over a period of time. This standard may also be applied for waterproofing.</p>	<p>Scope:</p> <p>This standard specifies a test for puncture by static loading for roofing membranes. Mechanical stress on membranes varies from static long-term loads to dynamic short-term loads. This method represents the static category of load where the stress is applied over a period of time. This standard may also be applied for waterproofing.</p>
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Võtmesõnad: holes, perforations, quality assurance, resistors, roof coverings, roof sealing, roof sealing sheets, roof underlays, roofing, roofs, sealing, seams, static loading, test equipment, testing, water proof sheetings, water-proof sheeting for roofs, welded joints

English version

Flexible sheets for waterproofing

**Bitumen, plastic and rubber sheets for roof
waterproofing**

Determination of resistance to static loading

Feuilles souples d'étanchéité –
Feuilles d'étanchéité de toitures
bitumineuses, plastiques et
élastomères – Détermination de la
résistance au poinçonnement statique

Abdichtungsbahnen – Bitumen-,
Kunststoff- und Elastomerbahnen
für Dachabdichtungen – Bestimmung
des Widerstandes gegen statische
Belastung

This European Standard was approved by CEN on 2000-06-10.

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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

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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 classification of bitumen, 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 product standards for bitumen, plastic and rubber sheets for roof waterproofing.

1 Scope

This European Standard specifies a test for puncture by static loading for roofing membranes. Mechanical stress on membranes varies from static long-term loads to dynamic short-term loads. This method represents the static category of load where the stress is applied over a period of time.

This European Standard may also be applied for waterproofing.

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 applies.

prEN 13416:1998

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

3 Definitions

For the purpose of this standard, the following definition applies.

3.1 surface: The upper side of the sheet, as used in situ. It is usually the inside of the roll.

4 Principle

The principle of the test is to apply a concentrated load over a period of time, through a puncturing tool onto the surface of the membrane, when lying on a specified soft support (method A) or hard support (method B).