

**Flexible sheets of waterproofing -
Determination of resistance to tearing -
Part 2: Plastic and rubber sheets for
roof waterproofing**

Flexible sheets of waterproofing - Determination of
resistance to tearing - Part 2: Plastic and rubber
sheets for roof waterproofing

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12310-2:2001 sisaldab Euroopa standardi EN 12310-2:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.02.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12310-2:2001 consists of the English text of the European standard EN 12310-2:2000.</p> <p>This document is endorsed on 16.02.2001 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: This European Standard specifies a method for the determination of tear properties of plastic and rubber sheets for roof waterproofing using a trapezoidal test specimen with a nick or cut.</p>	<p>Scope: This European Standard specifies a method for the determination of tear properties of plastic and rubber sheets for roof waterproofing using a trapezoidal test specimen with a nick or cut.</p>
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Võtmesõnad: construction, definitions, determination, elastic fabrics, plastic sheets, plastics, roof sealing, sealing works, sheets of elastomer, tear-off propagation behaviour, testing, thermoplastic, water proof sheetings

ICS 91.100.50

English version

Flexible sheets for waterproofing – Determination of
resistance to tearing

Part 2: Plastic and rubber sheets for roof waterproofing

Feuilles souples d'étanchéité –
Détermination de la résistance à la
déchirure – Partie 2: Feuilles
d'étanchéité de toiture plastiques et
élastomères

Abdichtungsbahnen – Bestimmung
des Widerstandes gegen Weiterreißen
– Teil 2: Kunststoff- und Elastomer-
bahnen für Dachabdichtungen

This European Standard was approved by CEN on 2000-08-17.

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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.

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 Central Secretariat has the same status as the official versions.

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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 March 2001, and conflicting national standards shall be withdrawn at the latest by March 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 characterisation 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 for the determination of tear properties of plastic and rubber sheets for roof waterproofing using a trapezoidal test specimen with a nick or cut.

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.

EN ISO 7500-1	Metallic materials – Verification of static uniaxial testing machines - Part 1: Tension/ compression testing machines (ISO 7500-1:1999)
prEN 13416:2000	Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing – Rules for sampling

3 Definition

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

3.1 Resistance to tearing: The maximum tensile force required to tear a pre-cut test specimen.

4 Principle

The principle of the test is measurement of the force required to completely tear the test specimen, in continuation of the cut or nick already produced in the test specimen.

The tearing force is applied by means of a tensile testing machine at a constant speed until the test specimen breaks. The maximum peak force achieved is reported.