

## **Geotekstiil ja geotekstiilitaolised tooted. Üldkatsed edasise vastupidavuse hindamiseks**

Geotextiles and geotextile-related products -  
General tests for evaluation following durability  
testing

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12226:2001 sisaldab Euroopa standardi EN 12226:2000 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 12226:2001 consists of the English text of the European standard EN 12226:2000.</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><b>Käsitlusala:</b> See standard määrab kindlaks katsemeetodid vana geotekstiili eriomaduste muutuste määramiseks. See on rakendatav geotekstiili ja geotekstiilitaoliste toodete puhul.</p>	<p><b>Scope:</b></p>
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ICS 59.080.70

Võtmesõnad:

**English version**

**Geotextiles and geotextile-related products**

**General tests for evaluation following durability testing**

Géotextiles et produits apparentés –  
Essais généraux pour l'évaluation  
après les essais de durabilité

Geotextilien und geotextilverwandte  
Produkte – Allgemeine Prüfverfahren  
zur Bewertung nach Beständigkeits-  
prüfungen

This European Standard was approved by CEN on 2000-07-15.

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.

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.

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

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

## Foreword

This European Standard has been prepared by Technical Committee CEN/TC 189 "Geotextiles and geotextile-related products", the secretariat of which is held by IBN.

This European Standard supersedes ENV 12226:1996.

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.

## 1 Scope

This European Standard describes test methods for determining the change in specific properties of aged geotextiles. It is applicable to geotextiles and geotextile-related products.

NOTE: For further information see CR ISO 13434.

## 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).

EN 963	Geotextiles and geotextile-related products - Sampling and preparation of test specimens
EN 29073-3	Textiles - Test methods for nonwovens - Part 3: Determination of tensile strength and elongation
EN ISO 13934-1	Textiles - Tensile properties of fabrics - Part 1: Determination of maximum force and elongation at maximum force using the strip method (ISO 13934-1:1999)
ISO 554	Standard atmospheres for conditioning and/or testing - Specifications.
CR ISO 13434	Guidelines on durability of geotextiles and geotextile-related products.

## 3 Principle

The test specimens are exposed to a durability test for geotextiles. The exposure is followed by visual and, if required, microscopic inspection and by determination of changes in tensile properties.

NOTE: For further information on relevant durability tests see CR ISO 13434.

## 4 Specimens

### 4.1 Number of specimens

For each durability test the number of test and control specimens shall be a minimum of five, in both the machine and the cross-direction, unless the nature of the geotextile or geotextile-related product makes this inappropriate.

NOTE: If several durability tests are carried out simultaneously, common control specimens may be used.

Where specimens are exposed for more than one time duration, control specimens shall be prepared for each duration.