

## **Geotekstiil ja samalaadsed tooted. Paigaldamisel tekkivate kahjustuste simuleerimise toiming**

Geosynthetics - Index test procedure for the evaluation of mechanical damage under repeated loading -  
Damage caused by granular material

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 10722:2007 sisaldab Euroopa standardi EN ISO 10722:2007 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 21.06.2007 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 15.05.2007.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 10722:2007 consists of the English text of the European standard EN ISO 10722:2007.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 21.06.2007 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 15.05.2007.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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**Võtmesõnad:** filterkangad, kahjustus, katsed, määramine, tekstiil

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English Version

**Geosynthetics - Index test procedure for the evaluation of  
mechanical damage under repeated loading - Damage caused  
by granular material (ISO 10722:2007)**

Géosynthétiques - Mode opératoire d'essai pour évaluer  
l'endommagement mécanique sous charge répétée -  
Endommagement causé par des matériaux granulaires  
(ISO 10722:2007)

Geokunststoffe - Indexprüfverfahren zur Bewertung von  
mechanischen Schäden bei wiederholter Belastung -  
Beschädigung durch körnige Materialien (ISO 10722:2007)

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## Foreword

This document (EN ISO 10722:2007) has been prepared by Technical Committee CEN/TC 189 "Geosynthetics", the secretariat of which is held by NBN, in collaboration with Technical Committee ISO/TC 221 "Geosynthetics".

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of an identical text or by endorsement, at the latest by November 2007, and conflicting national standards shall be withdrawn at the latest by November 2007.

This document supersedes ENV ISO 10722-1:1998.

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**Geosynthetics — Index test procedure for  
the evaluation of mechanical damage  
under repeated loading — Damage  
caused by granular material**

*Géosynthétiques — Mode opératoire d'essai pour évaluer  
l'endommagement mécanique sous charge répétée —  
Endommagement causé par des matériaux granulaires*



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## Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 10722 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 189, *Geosynthetics*, in collaboration with Technical Committee ISO/TC 221, *Geosynthetics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This first edition of ISO 10722 cancels and replaces ISO/TR 10722-1:1998.



# Geosynthetics — Index test procedure for the evaluation of mechanical damage under repeated loading — Damage caused by granular material

## 1 Scope

This International Standard describes an index test procedure for simulating mechanical damage to geosynthetics, caused by granular material, under repeated loading. The damage is assessed visually and by the loss of tensile strength.

Other reference tests may be used to assess the damage caused by this test. The test method described is an index test procedure, using a standard granular material.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated referenced, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendment) applies.

ISO 554 *Standard atmospheres for conditioning and/or testing — Specifications*

ISO 10319, *Geosynthetics — Wide-width tensile test*

EN 933-1, *Tests for geometrical properties of aggregates — Part 1: Determination of particle size distribution — Sieving method*

ISO 9862, *Geosynthetics — Sampling and preparation of test specimens*