

**Geosüntetika. Survekäitumise määramine. Osa 1:  
Surveroome parameetrid**

Geosynthetics - Determination of compression  
behaviour - Part 1: Compressive creep properties

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 25619-1:2009 sisaldab Euroopa standardi EN ISO 25619-1:2008 ingliskeelset teksti.

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English Version

**Geosynthetics - Determination of compression behaviour - Part  
1: Compressive creep properties (ISO 25619-1:2008)**

Géosynthétiques - Détermination du comportement en  
compression - Partie 1: Propriétés de fluage en  
compression (ISO 25619-1:2008)

Geokunststoffe - Bestimmung des Druckverhaltens - Teil 1:  
Eigenschaften des Druckkriechens (ISO 25619-1:2008)

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## Foreword

This document (EN ISO 25619-1:2008) 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of an identical text or by endorsement, at the latest by June 2009, and conflicting national standards shall be withdrawn at the latest by June 2009.

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# Geosynthetics — Determination of compression behaviour —

## Part 1: Compressive creep properties

### 1 Scope

This part of ISO 25619 specifies index test methods for determining the compressive creep properties of geosynthetic products. The test specimens are subjected either to normal compressive loading or to a combination of normal compressive loading and shear loading.

The test method with a normal load only (see Clause 5) is the standard method.

The test method in which both normal and shear loads are applied (see Clause 6) is intended for products that are sensitive to shear failure, i.e. which have a columnar or cusped structure.

The tests are carried out on dry specimens or on specimens immersed in water. The test is intended to be carried out with the specimen immersed in water when any part of the geosynthetic product contains a hydrophilic polymer.

### 2 Normative references

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

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

ISO 3696, *Water for analytical laboratory use — Specification and test methods*

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

ISO 9863-1, *Geosynthetics — Determination of thickness at specified pressures — Part 1: Single layers*

ISO 10318, *Geosynthetics — Terms and definitions*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 10318 and the following apply.

#### 3.1

##### thickness

*d*

distance between the two rigid plates in contact with the specimen at any stage of the test

See Figures 1 and 2.

NOTE Thickness is measured in millimetres.