

**Geotekstiil ja samalaadsed tooted. Veeläbilaskvuse
tavakarakteristikute määramine ilma koormuseta**

Geotextiles and geotextile-related products. Determination of
water permeability characteristics normal to the plane,
without load

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 11058:2010 sisaldab Euroopa standardi EN ISO 11058:2010 ingliskeelset teksti.

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English Version

**Geotextiles and geotextile-related products - Determination of
water permeability characteristics normal to the plane, without
load (ISO 11058:2010)**

Géotextiles et produits apparentés - Détermination des
caractéristiques de perméabilité à l'eau normalement au
plan, sans contrainte mécanique (ISO 11058:2010)

Geotextilien und geotextilverwandte Produkte -
Bestimmung der Wasserdurchlässigkeit normal zur Ebene,
ohne Auflast (ISO 11058:2010)

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EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (EN ISO 11058:2010) has been prepared by Technical Committee ISO/TC 221 "Geosynthetics" in collaboration with Technical Committee CEN/TC 189 "Geosynthetics", the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by October 2010, and conflicting national standards shall be withdrawn at the latest by October 2010.

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Endorsement notice

The text of ISO 11058:2010 has been approved by CEN as a EN ISO 11058:2010 without any modification.

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Geotextiles and geotextile-related products — Determination of water permeability characteristics normal to the plane, without load

1 Scope

This International Standard specifies two test methods for determining the water permeability characteristics of a single layer of geotextile or geotextile-related product normal to the plane:

- a) the constant head method;
- b) the falling head method.

NOTE If the full permeability characteristics of the geotextile or geotextile-related product have previously been established, then for control purposes it can be sufficient to determine the velocity index at a head loss of 50 mm only.

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 2854, *Statistical interpretation of data — Techniques of estimation and tests relating to means and variances*

ISO 5813, *Water quality — Determination of dissolved oxygen — Iodometric method*

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

ISO 10320, *Geotextiles and geotextile-related products — Identification on site*

3 Terms and definitions

For the purposes of this document the following terms and definitions apply.

3.1 velocity index

V_{H50}

velocity corresponding to a head loss of 50 mm across a specimen, expressed to the nearest ± 1 mm/s