

GEOSÜNTEEDID. OSA 1: TERMINID JA MÄÄRATLUSED

Geosynthetics - Part 1: Terms and definitions (ISO 10318-1:2015)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 10318-1:2015 sisaldab Euroopa standardi EN ISO 10318-1:2015 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 10318-1:2015 consists of the English text of the European standard EN ISO 10318-1:2015.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 08.04.2015.	Date of Availability of the European standard is 08.04.2015.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 01.040.59, 59.080.70

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardikeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega:

Aru 10, 10317 Tallinn, Eesti; koduleht www.evs.ee; telefon 605 5050; e-post info@evs.ee

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:

Aru 10, 10317 Tallinn, Estonia; homepage www.evs.ee; phone +372 605 5050; e-mail info@evs.ee

English Version

Geosynthetics - Part 1: Terms and definitions (ISO 10318-1:2015)

Géosynthétiques - Partie 1: Termes et définitions (ISO 10318-1:2015)

Geokunststoffe - Teil 1: Begriffe (ISO 10318-1:2015)

This European Standard was approved by CEN on 24 January 2015.

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 CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (EN ISO 10318-1:2015) 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 2015, and conflicting national standards shall be withdrawn at the latest by October 2015.

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

This document supersedes EN ISO 10318:2005.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 10318-1:2015 has been approved by CEN as EN ISO 10318-1:2015 without any modification.

Contents

	Page
Foreword	v
1 Scope	1
2 Terms and definitions	1
2.1 Terms related to functions.....	1
2.2 Terms related to products.....	2
2.3 Terms related to properties.....	4
2.4 Other terms.....	7
Bibliography	8

Geosynthetics —

Part 1: Terms and definitions

1 Scope

The intent of this part of ISO 10318 is to define terms related to functions, products, properties, and other terms used in EN and ISO geosynthetics International Standards. Definitions of terms not included in this part of ISO 10318 can be found in the International Standards describing appropriate test methods.

NOTE See also the ISO online browsing platform (OBP): www.iso.org/obp/ui/

2 Terms and definitions

2.1 Terms related to functions

2.1.1

drainage

collecting and transporting of precipitation, ground water, and/or other fluids in the plane of a geosynthetic material

2.1.2

filtration

restraining of uncontrolled passage of soil or other particles subjected to hydrodynamic forces, while allowing the passage of fluids into or across a geosynthetic material

2.1.3

protection

preventing or limiting of local damage to a given element or material by the use of a geosynthetic material

2.1.4

reinforcement

use of the stress-strain behaviour of a geosynthetic material to improve the mechanical properties of soil or other construction materials

2.1.5

separation

prevention from intermixing of adjacent dissimilar soils and/or fill materials by the use of a geosynthetic material

2.1.6

surface erosion control

use of a geosynthetic materials to prevent or limit soil or other particle movements at the surface of, for example, a slope

2.1.7

barrier

use of a geosynthetic to prevent or limit the migration of fluids