

STN	Geotextílie a geotextíliám podobné výrobky Poškodenie počas inštalácie Terénna skúška	STN EN 17738 80 6137
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Geotextiles and geotextile-related products - Damage during installation procedure - Full scale test

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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Geotextiles and geotextile-related products - Damage during installation procedure - Full scale test

Géotextiles et produits apparentés - Endommagement pendant la procédure d'installation - Essai en grandeur réelle

Geotextilien und geotextilverwandte Produkte - Beschädigung während des Einbaus - Großmaßstäbliches Prüfverfahren

This European Standard was approved by CEN on 3 March 2023.

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

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EN 17738:2023 (E)

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European foreword

This document (EN 17738:2023) has been prepared by Technical Committee CEN/TC 189 “Geotextiles”, 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of an identical text or by endorsement, at the latest by October 2023, and conflicting national standards shall be withdrawn at the latest by October 2023.

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EN 17738:2023 (E)**Introduction**

This document describes the procedure to evaluate the damaging during the installation of a geotextile and geotextile-related product. The test can be used to evaluate the RF_{ID} of the geotextile and geotextile-related product, this parameter is fundamental for design purpose.

1 Scope

This document describes a procedure for producing mechanical damage to geotextiles and geotextile-related products due only to compaction of soil or other materials. The damage is assessed visually and by the loss of tensile strength or other reference tests used to assess the damage caused by this procedure.

The method described is a full-scale test procedure, using a range of fills and compaction methods, and for the derivation of a reduction factor for installation damage for geotextiles and geotextile-related products.

This document excludes geosynthetic barriers and products used in pavements and asphalt overlays.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN ISO 9862, *Geosynthetics - Sampling and preparation of test specimens (ISO 9862)*

EN ISO 10318-1, *Geosynthetics - Part 1: Terms and definitions (ISO 10318-1)*

EN ISO 10319, *Geosynthetics - Wide-width tensile test (ISO 10319)*

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