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English version

Geotextiles and geotextile-related products - On-site quality control

Géotextiles et produits apparentés - Contrôle au chantier

Geotextilien und geotextilverwandte Produkte -
Baustellenkontrolle

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Foreword

This document (CEN/TR 15019:2005) has been prepared by Technical Committee CEN/TC 189 "Geosynthetics", the secretariat of which is held by IBN.

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1 Scope

This document contains recommendations for on-site quality control of geotextiles and geotextile-related products as part of the site quality assurance system. It describes procedures for verifying that:

- the correct product is delivered to site;
- the product is handled and installed in the correct manner;
- the specifications are met.

This document contains an annex showing five examples of report forms for use on the site and a bibliography.

2 Terms and definitions

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

The term “product” used in this document refers to a geotextile or geotextile-related product.

2.1 design specification

document which defines the application in which the product is to be used and where the functions, the characteristics and the design specification values of the characteristics required for use in the works are stated

2.2 product specification value

value of a product characteristic as stated by the manufacturer, e.g. in the accompanying documents for CE marking. This value represents the mean value minus (and/or plus) one time the tolerance value(s) corresponding to the 95 % confidence level (as defined e.g. in EN 13249:2000, 5.2). By extension, this definition can also be applied to other characteristics described in Table 1 of the relevant product/application standard (see bibliography) and also to characteristics such as mass per unit area and thickness

2.3 sample

part of the product, taken over the whole width, from which specimens are taken for testing

2.4 specimen (test specimen)

part of the sample used for an individual test

2.5 test result (of a sample)

mean of the results obtained on the specimens tested

2.6 test lot

quantity of products considered as one unit for sampling and testing. This can be the total area to be covered by the product in the works

2.7 delivery lot

quantity of product delivered on site in a given period of time, which can be submitted to a single approval. Delivery lots are evaluated independently of each other