



**NSAI**  
Standards

Irish Standard  
I.S. EN 13250:2016

# Geotextiles and geotextile-related products - Characteristics required for use in the construction of railways

**I.S. EN 13250:2016**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

*This document is based on:*

EN 13250:2016

*Published:*

2016-10-12

*This document was published under the authority of the NSAI and comes into effect on:*

2016-10-31

ICS number:

59.080.70

NOTE: If blank see CEN/CENELEC cover page

NSAI  
1 Swift Square,  
Northwood, Santry  
Dublin 9

T +353 1 807 3800  
F +353 1 807 3838  
E standards@nsai.ie  
W NSAI.ie

Sales:  
T +353 1 857 6730  
F +353 1 857 6729  
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

## National Foreword

I.S. EN 13250:2016 is the adopted Irish version of the European Document EN 13250:2016, Geotextiles and geotextile-related products - Characteristics required for use in the construction of railways

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

**Compliance with this document does not of itself confer immunity from legal obligations.**

*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

This page is intentionally left blank

EUROPEAN STANDARD

EN 13250

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2016

ICS 59.080.70

Supersedes EN 13250:2014+A1:2015

English Version

## Geotextiles and geotextile-related products - Characteristics required for use in the construction of railways

Géotextiles et produits apparentés - Caractéristiques  
requis pour l'utilisation dans la construction des  
voies ferrées

Geotextilien und geotextilverwandte Produkte -  
Geforderte Eigenschaften für die Anwendung beim  
Eisenbahnbau

This European Standard was approved by CEN on 4 June 2016.

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**

<b>Contents</b>	<b>Page</b>
European foreword.....	4
Introduction .....	5
<b>1 Scope.....</b>	<b>6</b>
<b>2 Normative references.....</b>	<b>6</b>
<b>3 Terms, definitions and abbreviations .....</b>	<b>7</b>
3.1 Terms and definitions .....	7
3.2 Abbreviations .....	8
<b>4 Required characteristics and corresponding methods of test.....</b>	<b>8</b>
4.1 General.....	8
4.2 Selection of the appropriate standard in a specific application .....	8
4.3 Characteristics relevant to specific conditions of use .....	10
4.3.1 Stiffness at 2 %, 5 % and 10 % .....	10
4.3.2 Tensile strength of seams and joints.....	10
4.3.3 Static puncture .....	10
4.3.4 Friction characteristics .....	10
4.3.5 Tensile creep.....	10
4.3.6 Abrasion .....	10
4.3.7 Resistance to damage during installation.....	10
4.3.8 Water permeability normal to the plane.....	10
4.4 Release of dangerous substances.....	10
<b>5 Assessment and verification of constancy of performance (AVCP) .....</b>	<b>11</b>
5.1 General.....	11
5.2 Presentation of characteristics .....	11
5.3 Product type determination (PTD).....	11
5.4 Factory production control (FPC) .....	12
5.5 Verification of values .....	12
5.6 Initial inspection of factory and of FPC .....	12
5.7 Continuous surveillance of FPC.....	13
<b>6 Marking.....</b>	<b>13</b>
<b>Annex A (normative) Factory production control.....</b>	<b>14</b>
<b>A.1 Factory production control scheme .....</b>	<b>14</b>
A.1.1 General.....	14
A.1.2 Product design .....	14
A.1.3 Production .....	14
A.1.4 Finished products .....	14
A.1.5 Provisions applicable to A.1.2, A.1.3 and A.1.4 (to be used where appropriate).....	15
<b>A.2 Assessment of a factory production control (FPC) system.....</b>	<b>16</b>
A.2.1 General.....	16
A.2.2 Checklist .....	16

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
  - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-