



NSAI
Standards

Irish Standard
I.S. EN 13481-1:2012

Railway applications - Track - Performance requirements for fastening systems - Part 1: Definitions

I.S. EN 13481-1:2012

Incorporating amendments/corrigenda/National Annexes issued since publication:

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

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English Version

Railway applications - Track - Performance requirements for fastening systems - Part 1: Definitions

Applications ferroviaires - Voie - Exigences de performance pour les systèmes de fixation - Partie 1: Définitions

Bahnanwendungen - Oberbau - Leistungsanforderungen für Schienenbefestigungssysteme - Teil 1: Definitionen

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Contents

Page

Foreword	3
1 Scope.....	4
2 Normative references	4
3 Terms and definitions.....	4
Bibliography	9

Foreword

This document (EN 13481-1:2012) has been prepared by Technical Committee CEN/TC 256 "Railway applications", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by November 2012, and conflicting national standards shall be withdrawn at the latest by November 2012.

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 13481-1:2002.

In this revision of EN 13481-1:2002 the main changes are as follows:

- a) A range of categories of fastening systems have been included in 3.1;
- b) the definition of embedded rail (3.12) has been extended;
- c) definitions of low and high frequency dynamic stiffness have been added (3.25).

This European Standard is one of the series EN 13481 "*Railway applications – Track – Performance requirements for fastening systems*" which consists of the following parts:

- *Part 1: Definitions*
- *Part 2: Fastening systems for concrete sleepers*
- *Part 3: Fastening systems for wood sleepers*
- *Part 4: Fastening systems for steel sleepers*
- *Part 5: Fastening systems for slab track with rail on the surface or rail embedded in a channel*
- *Part 7: Special fastening systems for switches and crossings and check rails*

NOTE Part 6 does not exist in this series.

These European Standards are supported by the test methods in the series EN 13146 "*Railway applications – Track – Test methods for fastening systems*".

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

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