



BSI Standards Publication

Railway applications — Track — Concrete sleepers and bearers

Part 6: Design

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee RAE/2, Railway Applications - Track.

A list of organizations represented on this committee can be obtained on request to its secretary.

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European foreword

This document (EN 13230-6:2020) 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of an identical text or by endorsement, at the latest by October 2020, and conflicting national standards shall be withdrawn at the latest by October 2020.

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

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 2008/57/EC.

For relationship with EU Directive 2008/57/EC, see informative Annex ZA, which is an integral part of this document.

This European Standard is one of the EN 13230 series, *Railway applications – Track – Concrete sleepers and bearers*, which consist of the following parts:

- *Part 1: General requirements;*
- *Part 2: Prestressed monoblock sleepers;*
- *Part 3: Twin-block reinforced sleepers;*
- *Part 4: Prestressed bearers for switches and crossings;*
- *Part 5: Special elements;*
- *Part 6: Design.*

This European Standard can be used as a technical basis between contracting parties (purchaser – supplier).

Annexes A and B are informative; they can be used as normative requirements by completion of a contract, if agreed by the contracting parties.

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Introduction

This document covers the design of concrete sleepers and bearers and is used in conjunction with the following parts:

- *Part 1: General requirements;*
- *Part 2: Prestressed monoblock sleepers;*
- *Part 3: Twin-block reinforced sleepers;*
- *Part 4: Prestressed bearers for switches and crossings;*
- *Part 5: Special elements.*

Concrete sleepers and bearers are safety critical components for railway applications. They are not covered by any other European Standard.

As safety critical components, an agreement is needed between purchaser and supplier to operate a factory Quality System.