

BS EN 13877-1:2013



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Concrete pavements

Part 1: Materials

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National foreword

This British Standard is the UK implementation of EN 13877-1:2013. It supersedes BS EN 13877-1:2004, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/510/3, Materials for concrete roads.

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

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

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English Version

Concrete pavements - Part 1: Materials

Chaussées en béton - Partie 1: Matériaux

Fahrbahnbefestigungen aus Beton - Teil 1: Baustoffe

This European Standard was approved by CEN on 10 February 2013.

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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.

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Foreword

This document (EN 13877-1:2013) has been prepared by Technical Committee CEN/TC 227 “Road materials”, 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of an identical text or by endorsement, at the latest by September 2013 and conflicting national standards shall be withdrawn at the latest by September 2013.

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 13877-1:2004.

The following modifications have been made:

- The normative references have been reviewed.
- The units have been updated from N/mm² to MPa.
- The steel meshes have been included in the definition of reinforcement.
- Table 1 has been modified to include more strength classes, and the notes included in the table have been updated.
- Notes in Table 2 have been updated.
- Notes to Table 3 have been added.
- References EN 197-1 and EN 934-2 have been added to the Bibliography.

This European Standard is one of a series of standards as listed below:

- EN 13877-1, *Concrete pavements — Part 1: Materials*
- EN 13877-2, *Concrete pavements — Part 2: Functional requirements for concrete pavements*
- EN 13877-3, *Concrete pavements — Part 3: Specifications for dowels to be used in concrete pavements*

This European Standard refers to EN 206-1. In accordance with the scope of EN 206-1 some additional or different requirements are necessary for pavements, particularly to comply with safety of users, durability, environment and health.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: 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 the United Kingdom.