



# SLOVENSKI STANDARD SIST EN 13877-2:2024

01-februar-2024

Nadomešča:  
SIST EN 13877-2:2013

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## Betonska vozišča - 2. del: Funkcionalne zahteve za betonska vozišča

Concrete pavements - Part 2: Functional requirements for concrete pavements

Fahrbahnbefestigungen aus Beton - Teil 2: Funktionale Anforderungen an  
Fahrbahnbefestigungen aus Beton

Chaussées en béton - Partie 2 : Exigences fonctionnelles pour les chaussées en béton

Ta slovenski standard je istoveten z: EN 13877-2:2023

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### ICS:

91.100.30	Beton in betonski izdelki	Concrete and concrete products
93.080.20	Materiali za gradnjo cest	Road construction materials

**SIST EN 13877-2:2024**

**en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 13877-2**

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English Version

**Concrete pavements - Part 2: Functional requirements for  
concrete pavements**

Chaussées en béton - Partie 2 : Exigences  
fonctionnelles pour les chaussées en béton

Fahrbahnbefestigungen aus Beton - Teil 2: Funktionale  
Anforderungen an Fahrbahnbefestigungen aus Beton

This European Standard was approved by CEN on 25 September 2023.

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

This document (EN 13877-2:2023) has been prepared by Technical Committee CEN/TC 227 “Road materials”, the secretariat of which is held by BSI.

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 May 2024, and conflicting national standards shall be withdrawn at the latest by May 2024.

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 supersedes EN 13877-2:2013.

EN 13877-2:2023 includes the following significant technical changes with respect to EN 13877-2:2013:

- the normative references have been updated;
- alternative evaluation methods for the strength of concrete pavements have been added;
- default conditions have been specified for the determination of the strength classes;
- the tensile strength of concrete on cylindrical discs has been introduced;
- the table on tolerances of thickness has been replaced by a text with new specifications;
- the clauses on the density of concrete pavements have been deleted;
- the categories for freeze–thaw resistance have been deleted;
- the specifications for dowels and tie-bars have been updated;
- the Bibliography has been updated.

EN 13877, *Concrete pavements*, is currently composed with the following parts:

- *Part 1: Materials*
- *Part 2: Functional requirements for concrete pavements*
- *Part 3: Specifications for dowels to be used in concrete pavements*

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

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

**EN 13877-2:2023 (E)**

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

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