

STN	Cementobetónové vozovky Časť 5: Stanovenie súdržnosti trŕňov používaných v cementobetónových krytoch	STN EN 13863-5 73 6183
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Concrete pavements - Part 5: Determination of the bond stress of dowels to be used in concrete pavements

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/24

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EUROPEAN STANDARD
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EN 13863-5

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English Version

**Concrete pavements - Part 5: Determination of the bond
stress of dowels to be used in concrete pavements**

Chaussées en béton - Partie 5 : Détermination de la
contrainte d'adhérence de goujons à utiliser dans les
chaussées en béton

Fahrbahnbefestigungen aus Beton - Teil 5:
Bestimmung der Verbundspannung von Dübeln für
Fahrbahnbefestigungen aus Beton

This European Standard was approved by CEN on 12 February 2024.

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

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EN 13863-5:2024 (E)

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European foreword

This document (EN 13863-5:2024) 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of an identical text or by endorsement, at the latest by September 2024, and conflicting national standards shall be withdrawn at the latest by September 2024.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.

EN 13863, Concrete pavements, is currently composed with the following parts:

- *Part 1: Test method for the determination of the thickness of a concrete pavement by survey method*
- *Part 2: Test method for the determination of the bond between two layers*
- *Part 3: Test methods for the determination of the thickness of a concrete pavement from cores*
- *Part 4: Test methods for the determination of wear resistance of concrete pavements to studded tyres*
- *Part 5: Determination of the bond stress of dowels to be used in concrete pavements*
- *Part 6: Test method for the determination of the tensile strength of concrete on cylindrical discs*

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.

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.

EN 13863-5:2024 (E)**1 Scope**

This document specifies a method for the determination of the bond stress of dowels in concrete pavements.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 197-1, *Cement — Part 1: Composition, specifications and conformity criteria for common cements*

EN 206, *Concrete — Specification, performance, production and conformity*

EN 12390-2, *Testing hardened concrete — Part 2: Making and curing specimens for strength tests*

EN 12390-3, *Testing hardened concrete — Part 3: Compressive strength of test specimens*

EN 12390-4, *Testing hardened concrete — Part 4: Compressive strength — Specification for testing machines*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN