

STN	Cementobetónové vozovky Časť 6: Skúška stanovenia pevnosti betónu v priečnom ťahu na valcovitých vzorkách	STN EN 13863-6 73 6183
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Concrete pavements - Part 6: Test method for the determination of the tensile strength of concrete on cylindrical discs

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

Obsahuje: EN 13863-6:2024

138600

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2024
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii
v znení neskorších predpisov.

EUROPEAN STANDARD

EN 13863-6

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2024

ICS 93.080.20

English Version

Concrete pavements - Part 6: Test method for the determination of the tensile strength of concrete on cylindrical discs

Chaussées en béton - Partie 6 : Méthodes d'essai pour la détermination de la résistance à la traction de béton sur disques cylindriques

Fahrbahnbefestigungen aus Beton - Teil 6: Prüfverfahren zur Bestimmung der Zugfestigkeit von Beton an Zylinderscheiben

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

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

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EN 13863-6:2024 (E)

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions and symbols	4
3.1 Terms and definitions	4
3.2 Symbols	5
4 Principle	5
5 Apparatus	6
5.1 Apparatus for production of the test specimens	6
5.2 Load equipment	6
6 Test specimen	8
6.1 General	8
6.2 Sampling/production, preparation and storage of test specimens	8
6.2.1 Separately manufactured test specimens	8
6.2.2 Test specimens made of cores	8
7 Procedure	9
8 Calculation and presentation of the test result	9
8.1 Test result	9
8.2 Precision	9
9 Report	10
Annex A (informative) Typical fracture patterns	12

European foreword

This document (EN 13863-6:2024) 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.

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EN 13863-6:2024 (E)**1 Scope**

This document specifies a method for the determination of the tensile strength on cylindrical discs of concrete using cylindrical discs as test specimens, which can be separately manufactured or cut from cores of the finished concrete pavement.

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 12390-1, *Testing hardened concrete — Part 1: Shape, dimensions and other requirements for specimens and moulds*

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

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

EN 12390-7, *Testing hardened concrete — Part 7: Density of hardened concrete*

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