

STN	Výrobky a systémy na ochranu a opravu betónových konštrukcií. Skúšobné metódy. Porovnávacie betóny na skúšky.	STN EN 1766 73 2116
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Products and systems for the protection and repair of concrete structures - Test methods - Reference concretes for testing

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. 05/17

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Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1766

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Supersedes EN 1766:2000

English Version

**Products and systems for the protection and repair of
concrete structures - Test methods - Reference concretes
for testing**

Produits et systèmes pour la protection et la réparation
des structures en béton - Méthodes d'essais - Bétons de
référence pour essais

Produkte und Systeme für den Schutz und die
Instandsetzung von Betontragwerken - Prüfverfahren -
Referenzbetone für Prüfungen

This European Standard was approved by CEN on 4 December 2016.

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.

CEN members are the national standards bodies of 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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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Contents

Page

European foreword.....	3
1 Scope.....	4
2 Normative references.....	4
3 Principle	4
4 Equipment	4
4.1 Concrete mixer (forced action pan mixer).....	4
4.2 Moulds.....	4
4.3 High frequency vibrating table	4
4.4 Grit blasting equipment.....	5
4.5 Surface roughness measuring equipment	5
5 Materials.....	5
5.1 Aggregates	5
5.2 Mixing water	6
5.3 Cement	6
5.4 Admixtures	6
5.5 Grit for surface preparation by blasting.....	6
5.6 Silica sand for measuring roughness	6
6 Reference concrete mixes	6
6.1 General.....	6
6.2 Reference concrete with 16 mm or 20 mm aggregate.....	6
6.2.1 Compositions and properties (see Table 1)	6
6.3 Reference concrete with 8 mm or 10 mm aggregate.....	7
6.3.1 Compositions and properties (see Table 1)	7
6.4 Specimen preparation.....	10
6.5 Concrete curing and storage	10
7 Surface preparation and roughness index determination.....	10
7.1 Surface preparation	10
7.2 Measurement of the Roughness index.....	10
8 Report.....	12
Annex A (informative) Grading curves.....	13

European foreword

This document (EN 1766:2017) has been prepared by Technical Committee CEN/TC 104 “Concrete and related products”, 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 August 2017, and conflicting national standards shall be withdrawn at the latest by November 2018.

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 1766:2000.

The main technical changes that have been made in this new edition are as follows:

- a) Definition of 3 new reference MC concretes;
- b) Definition of thresholds for the tensile bond strength for reference concretes C(0,40); C(0,45); C(0,70) and new MC concretes.

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, Serbia, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies the composition, characteristics and preparation procedure for reference concrete substrates, which are to be used in the test methods to measure performances of products and systems for the repair and protection of concrete structures.

The provisions of this Standard are applicable to concrete with a maximum aggregate size of 16 mm or 20 mm or with a maximum aggregate size of 8 mm or 10 mm.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 933-2, *Tests for geometrical properties of aggregates - Part 2: Determination of particle size distribution - Test sieves, nominal size of apertures*

EN 934-2, *Admixtures for concrete, mortar and grout — Part 2: Concrete admixtures — Definitions, requirements, conformity, marking and labelling*

EN 1008, *Mixing water for concrete - Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete*

EN 1542, *Products and systems for the protection and repair of concrete structures - Test methods - Measurement of bond strength by pull-off*

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN