

STN	Skúšanie čerstvého betónu Časť 6: Objemová hmotnosť čerstvého betónu	STN EN 12350-6 73 1312
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Testing fresh concrete - Part 6: Density

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. 12/19

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English Version

Testing fresh concrete - Part 6: Density

Essais pour béton frais - Partie 6 : Masse volumique

Prüfung von Frischbeton - Teil 6: Frischbetonrohichte

This European Standard was approved by CEN on 29 April 2019.

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

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EN 12350-6:2019 (E)

Contents		Page
European foreword		3
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Principle	5
5	Apparatus	5
6	Sampling	6
7	Procedure	6
7.1	Calibration	6
7.2	Mass of density container	6
7.3	Filling the density container	6
7.4	Compacting the concrete	6
7.4.1	General	6
7.4.2	Mechanical compaction	7
7.4.3	Compacting by hand with compacting rod or bar	7
7.5	Surface levelling	7
7.6	Weighing	7
8	Calculation of density	8
9	Test report	8
10	Precision	8
Annex A (normative) Calibration of density container		10
A.1	Apparatus	10
A.2	Procedure	10
Bibliography		11

European foreword

This document (EN 12350-6:2019) has been prepared by Technical Committee CEN/TC 104 “Concrete and related products”, the secretariat of which is held by SN.

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of an identical text or by endorsement, at the latest by December 2019, and conflicting national standards shall be withdrawn at the latest by December 2019.

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 12350-6:2009.

The compactions of specimens using hand tamping, vibrating table, or internal (poker) vibrator are accepted as equivalent. However, the use of an internal vibrator to compact specimens containing entrained air should be carried out with caution.

A procedure for calibrating the density container has been included as a normative Annex A.

This standard is one of a series on testing concrete.

EN 12350, *Testing fresh concrete*, consists of the following parts:

- *Part 1: Sampling and common apparatus*
- *Part 2: Slump test*
- *Part 3: Vebe test*
- *Part 4: Degree of compactability*
- *Part 5: Flow table test*
- *Part 6: Density*
- *Part 7: Air content – Pressure methods*
- *Part 8: Self-compacting concrete – Slump-flow test*
- *Part 9: Self-compacting concrete – V-funnel test*
- *Part 10: Self-compacting concrete – L-box test*
- *Part 11: Self-compacting concrete – Sieve segregation test*
- *Part 12: Self-compacting concrete – J-ring test*

The following amendments have been made to the 2009 edition of this standard:

- a) editorial revision;
- b) reference to common apparatus and specification given in EN 12350-1;
- c) option to include specified consistence class or consistence target value in report.

EN 12350-6:2019 (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, Turkey and the United Kingdom.

1 Scope

This document specifies a method for determining the density of compacted fresh concrete both in the laboratory and in the field.

It may not be applicable to very stiff concrete which cannot be compacted by normal vibration.

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 12350-1, *Testing fresh concrete — Part 1: Sampling and common apparatus*

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN