



# SLOVENSKI STANDARD SIST EN 480-1:2023

01-november-2023

Nadomešča:  
SIST EN 480-1:2015

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## Kemijski dodatki za beton, malto in injekcijsko maso - Preskusne metode - 1. del: Referenčni beton in referenčna malta za preskušanje

Admixtures for concrete, mortar and grout - Test methods - Part 1: Reference concrete and reference mortar for testing

Zusatzmittel für Beton, Mörtel und Einpressmörtel - Prüfverfahren - Teil 1: Referenzbeton und Referenzmörtel für Prüfungen

Adjuvants pour béton, mortier et coulis - Méthodes d'essai - Partie 1 : Béton et mortier de référence pour essais

Ta slovenski standard je istoveten z: **EN 480-1:2023**

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### **ICS:**

91.100.10	Cement. Mavec. Apno. Malta	Cement. Gypsum. Lime. Mortar
91.100.30	Beton in betonski izdelki	Concrete and concrete products

**SIST EN 480-1:2023**

**en,fr,de**



EUROPEAN STANDARD

**EN 480-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2023

ICS 91.100.10; 91.100.30

Supersedes EN 480-1:2014

English Version

## Admixtures for concrete, mortar and grout - Test methods - Part 1: Reference concrete and reference mortar for testing

Adjuvants pour béton, mortier et coulis - Méthodes  
d'essai - Partie 1 : Béton et mortier de référence pour  
essais

Zusatzmittel für Beton, Mörtel und Einpressmörtel -  
Prüfverfahren - Teil 1: Referenzbeton und  
Referenzmörtel für Prüfungen

This European Standard was approved by CEN on 28 May 2023.

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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

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

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## European foreword

This document (EN 480-1:2023) 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 January 2024, and conflicting national standards shall be withdrawn at the latest by January 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 480-1:2014.

This document is part of the EN 480 series, with the title *Admixtures for concrete, mortar and grout — Test methods*, which comprises the following parts:

- *Part 1: Reference concrete and reference mortar for testing* (the present document)
- *Part 2: Determination of setting time*
- *Part 4: Determination of bleeding of concrete*
- *Part 5: Determination of capillary absorption*
- *Part 6: Infrared analysis*
- *Part 8: Determination of the conventional dry material content*
- *Part 10: Determination of water soluble chloride content*
- *Part 11: Determination of air void characteristics in hardened concrete*
- *Part 12: Determination of the alkali content of admixtures*
- *Part 13: Reference masonry mortar for testing mortar admixtures*
- *Part 14: Determination of the effect on corrosion susceptibility of reinforcing steel by potentiostatic electro-chemical test*
- *Part 15: Reference concrete and method for testing viscosity modifying admixtures*

This document is intended to be used together with the standards of the EN 934 series, with the title of *Admixtures for concrete, mortar and grout*.

The main changes compared to the previous edition are listed below:

- a) the determination of the consistence of the reference mortar by workability in accordance with EN 413-2 is deleted as this option is no longer covered by EN 413-2;
- b) editorial changes.

**EN 480-1:2023 (E)**

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.

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