
Kemijski dodatki za beton, malto in injekcijsko maso - 7. del: Kemijski dodatki za zmanjšanje krčenja - Definicije, zahteve, skladnost, označevanje in etiketiranje

Admixtures for concrete, mortar and grout - Part 7: Shrinkage reducing admixtures - Definitions, requirements, conformity, marking and labelling

Zusatzmittel für Beton, Mörtel und Einpressmörtel - Teil 7: Schwindreduzierer - Definitionen, Anforderungen, Konformität, Kennzeichnung und Beschriftung

Adjuvants pour bétons, mortier et coulis - Partie 7 : Agent réducteur de retrait - Définitions, exigences, conformité, marquage et étiquetage

Ta slovenski standard je istoveten z: EN 934-7:2024

[SIST EN 934-7:2025](https://standards.sist.net/catalog/standards/sist/27489479-8777-4740-83ca-674d0521bda8/sist-en-934-7-2025)

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 934-7:2025**en,fr,de**

EUROPEAN STANDARD

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English Version

Admixtures for concrete, mortar and grout - Part 7: Shrinkage reducing admixtures - Definitions, requirements, conformity, marking and labelling

Adjuvants pour bétons, mortier et coulis - Partie 7 :
Agents réducteurs de retrait - Définitions, exigences,
conformité, marquage et étiquetage

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Anforderungen, Konformität, Kennzeichnung und
Beschriftung

This European Standard was approved by CEN on 30 September 2024.

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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
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European foreword

This document (EN 934-7:2024) 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of an identical text or by endorsement, at the latest by May 2025, and conflicting national standards shall be withdrawn at the latest by May 2025.

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.

The purpose of this document is to specify the requirements for shrinkage reducing admixtures, which are not covered by EN 934-2:2009+A1:2012.

EN 934, *Admixtures for concrete, mortar and grout*, is currently composed with the following parts:

- *Part 1: Common requirements;*
- *Part 2: Concrete admixtures — Definitions, requirements, conformity, marking and labelling;*
- *Part 3: Admixtures for masonry mortar — Definitions, requirements, conformity and marking and labelling;*
- *Part 4: Admixtures for grout for prestressing tendons — Definitions, requirements, conformity, marking and labelling;*
- *Part 5: Admixtures for sprayed concrete — Definitions, requirements, conformity, marking and labelling;*
- *Part 6: Sampling, assessment and verification of the constancy of performance;*
- *Part 7: Shrinkage reducing admixtures — Definitions, requirements, conformity, marking and labelling.*

This document is used with the standards of the EN 480 series which comprises test methods for admixtures and EN 12390-16, *Testing hardened concrete — Part 16: Determination of the shrinkage of concrete*.

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 934-7:2024

1 Scope

This document specifies definitions, characteristics and requirements for shrinkage reducing admixtures for use in concrete.

It covers admixtures for plain, reinforced and prestressed concrete which are used in site mixed, ready mixed concrete and precast concrete.

The performance requirements in this document apply to admixtures used in concrete of normal consistence. They might not be applicable to admixtures intended for other types of concrete such as semi dry and earth moist mixes.

Provisions governing the practical application of admixtures in the production of concrete, i.e. requirements concerning composition, mixing, placing, curing, etc. of concrete containing admixtures are not part of this document.

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 480-1, *Admixtures for concrete, mortar and grout — Test methods — Part 1: Reference concrete and reference mortar for testing*

EN 934-1:2008, *Admixtures for concrete, mortar and grout — Part 1: Common requirements*

EN 934-2:2009+A1:2012, *Admixtures for concrete, mortar and grout — Part 2: Concrete admixtures — Definitions, requirements, conformity, marking and labelling*

EN 934-6:2019, *Admixtures for concrete, mortar and grout — Part 6: Sampling, assessment and verification of the constancy of performance*

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

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

EN 12390-16, *Testing hardened concrete — Part 16: Determination of the shrinkage of concrete*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 934-1, EN 934-2 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

3.1

shrinkage reducing admixture

admixture that, without water reduction, brings about a reduction in drying shrinkage of concrete