

**Betooni, mördi ja süstmördi keemilised lisandid. Osa 3:
Müürimördi keemilised lisandid. Määratlused, nõuded,
vastavus ja märgistus**

Admixtures for concrete, mortar and grout - Part 3:
Admixtures for masonry mortar - Definitions, requirements,
conformity, marking and labelling

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 934-3:2009 sisaldab Euroopa standardi EN 934-3:2009 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 30.09.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

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Standard on kättesaadav Eesti standardiorganisatsioonist.

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märgistus, müürimört, müüritööd, vastavushindamine

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English Version

**Admixtures for concrete, mortar and grout - Part 3: Admixtures
for masonry mortar - Definitions, requirements, conformity and
marking and labelling**

Adjuvants pour béton, mortier et coulis - Partie 3: Adjuvants
pour mortier de montage - Définitions, exigences,
conformité, marquage et étiquetage

Zusatzmittel für Beton, Mörtel und Einpressmörtel - Teil 3:
Zusatzmittel für Mauermörtel - Definitionen, Anforderungen,
Konformität, Kennzeichnung und Beschriftung

This European Standard was approved by CEN on 16 July 2009.

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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 Management Centre has the same status as the official versions.

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Foreword

This document (EN 934-3:2009) 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of an identical text or by endorsement, at the latest by February 2010, and conflicting national standards shall be withdrawn at the latest by February 2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 934-3:2003.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 89/106/EEC.

For relationship with EU Directive 89/106/EEC, see informative Annex ZA, which is an integral part of this document.

This European Standard is a part of the series EN 934 "Admixtures for concrete, mortar and grout" which additionally comprises the following parts

- Part 1: Common requirements
- Part 2: Admixtures for concrete, mortar and grout — Part 2: Concrete admixtures — Definitions, requirements, conformity, 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, conformity control, evaluation of conformity

This European Standard is used with the standards of the EN 480 series which comprise test methods for admixtures.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard defines and specifies the requirements and conformity criteria for admixtures for use in cement based masonry mortar.

It covers two types of admixtures, long term retarding and air entraining/plasticising which are used in ready-mixed and site made masonry mortars.

Provisions for the use of admixtures for masonry mortar are not part of this European Standard but are covered by EN 998-1 and EN 998-2.

2 Normative references

The following referenced documents are indispensable for the application 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 480-13:2009, *Admixtures for concrete, mortar and grout — Test methods — Part 13: Reference masonry mortar for testing mortar admixtures*

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

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

EN 934-6:2001, *Admixtures for concrete, mortar and grout - Part 6: Sampling, conformity control and evaluation of conformity*

EN 934-6:2001/A1:2005, *Admixtures for concrete, mortar and grout — Part 6: Sampling, conformity control and evaluation of conformity*

EN 1015-4, *Methods of test for mortar for masonry — Part 4: Determination of consistence of fresh mortar (by plunger penetration)*

EN 1015-7, *Methods of test for mortar for masonry — Part 7: Determination of air content of fresh mortar*

EN 1015-9, *Methods of test for mortar for masonry — Part 9: Determination of workable life and correction time of fresh mortar*

EN 1015-11, *Methods of test for mortar for masonry — Part 11: Determination of flexural and compressive strength of hardened mortar*

3 Terms and definitions

For the purposes of this document, the definitions in EN 934-1:2008 and the following apply.

3.1

air entraining/plasticizing admixture

admixture which increases workability, or allows water reduction, by incorporating during mixing a controlled quantity of small, uniformly distributed air bubbles which remain after hardening

3.2

set retarding admixture for long term retarded masonry mortar

set retarding admixture as defined in EN 934-2 but specifically intended for use in long term retarded mortar incorporating entrained air