

Admixtures for concrete, mortar and grout —

Part 4: Admixtures for grout for prestressing tendons — Definitions, requirements and conformity

The European Standard EN 934-4:2000 has the status of a
British Standard

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National foreword

This British Standard is the official English language version of EN 934-4:2000 *Admixtures for concrete, mortar and grout — Part 4: Admixtures for grout for prestressing tendons — Definitions, requirements and conformity*, published by the European Committee for Standardization (CEN). No existing British Standard is replaced.

The UK participation in its preparation was entrusted by Technical Committee B/517, Concrete, to Subcommittee B/517/3, Admixtures, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

This standard forms one part of a series of standards for admixtures also comprising BS EN 934-2 and -4, which have been published, and -3 and -5 under preparation. These are supported by test methods in the BS EN 480 series.

This standard covers admixtures for use in site and factory mixed grout but it does not cover admixtures used in dry pack grout.

In Table 2 the requirement for volume change distinguishes between non-expanding and expanding grout admixtures.

Attention is drawn to the requirement in EN 934 for a minimum frequency of test for admixtures. There was no equivalent requirement in BS 5075.

The European Commission has issued a mandate (M128) covering admixtures for concrete, mortar and grout. This has resulted in work to turn the current EN 934 series into harmonized standards. If these are accepted they will be endorsed as harmonized European Standards when notified by the Official Journal of the EEC, which will also notify any transitional arrangements for CE marking.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 8, an inside back cover and a back cover.

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This British Standard, having been prepared under the direction of the Sector Committee for Building and Civil Engineering, was published under the authority of the Standards Committee and comes into effect on 15 August 2000

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English version

**Admixtures for concrete, mortar and grout – Part 4: Admixtures
for grout for prestressing tendons – Definitions, requirements
and conformity**

Adjuvants pour béton, mortier et coulis – Partie 4:
Adjuvants pour coulis pour câbles de précontrainte –
Définitions, exigences et conformité

Zusatzmittel für Beton, Mörtel und Einpreßmörtel – Teil 4:
Zusatzmittel für Einpreßmörtel für Spannglieder –
Definitionen, Anforderungen und Konformität

This European Standard was approved by CEN on 7 June 1999.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 104, Concrete (performance, production, placing and compliance criteria), 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 July 2000, and conflicting national standards shall be withdrawn at the latest by July 2000.

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

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

- Part 1: General definitions and general requirements for all the types of admixtures¹⁾;
- Part 2: Concrete admixtures – Definitions and requirements;
- Part 3: Admixtures for masonry mortar – Definitions, requirements and conformity;
- Part 5: Admixtures for sprayed concrete – Definitions, requirements and conformity;
- Part 6: Sampling, conformity control, evaluation of conformity, marking and labelling.

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

¹⁾ The work on this part has ceased for the time being until the other parts of the series EN 934 are completed.