

Admixtures for concrete, mortar and grout — Test methods

Part 1. Reference concrete and reference mortar for testing

The European Standard EN 480-1 : 1997 has the status of a
British Standard

ICS 91.100.10; 91.100.30

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National foreword

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This standard is part of a package of standards comprising BS EN 480 : Parts 1, 2, 4, 5, 6, 8, 10, 11 and 12, BS EN 934 : Parts 2 and 6. When all the standards in this package have been published, BS 5075 : Parts 1, 2 and 3 will be amended by deleting clauses which conflict with standards in the package.

Reference concrete is used for testing the compliance of concrete admixtures with the performance requirements in BS EN 934-2. Reference mortar is used for testing the effect of the maximum recommended dosage of admixtures on setting time as required in BS EN 934-2 and prEN 934-4. It is also used for testing the compliance of accelerating and retarding concrete admixtures with the performance requirements in BS EN 934-2.

It is recommended that CAA¹⁾ Reference cement is used as the CEM I cement specified in 3.1. Advice on sources of other types of cement listed in 3.1 can be obtained from CAA.

It is recommended that aggregate of the specified grading is obtained by mixing single size, dried and graded sands and coarse aggregates in the necessary proportions. Care may be required in sourcing sand, as some laboratories have reported a tendency for high levels of air to be entrained with this grading, even in the control mix.

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

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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¹⁾ Cement Admixtures Association, 4 The Knowle, Churton, Chester, CH3 6NE.
Tel/Fax: 01829 270230

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 5 and a back cover.

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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'essais —
Partie 1: Béton et mortier de référence pour essais

Zusatzmittel für Beton, Mörtel und
Einpreßmörtel — Prüfverfahren —
Teil 1: Referenzbeton und Referenzmörtel
für Prüfungen

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Central Secretariat: rue de Stassart 36, B-1050 Brussels

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