

Grout for prestressing tendons — Test methods

The European Standard EN 445 : 1996 has the status of a
British Standard

ICS 91.100.10 ; 91.100.30

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee B/525, Building and civil engineering structures, to Subcommittee B/525/2, Structural use of concrete, upon which the following bodies were represented:

- Association of Consulting Engineers
- British Cement Association
- British Precast Concrete Federation Ltd.
- Concrete Society
- Department of the Environment (Building Research Establishment)
- Department of the Environment (Construction Sponsorship Directorate)
- Department of Transport (Highways Agency)
- Institution of Civil Engineers
- Institution of Structural Engineers
- Steel Reinforcement Commission

This British Standard, having been prepared under the direction of the Sector Board for Building and Civil Engineering, was published under the authority of the Standards Board and comes into effect on 15 November 1997

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Amendments issued since publication

Amd. No.	Date	Text affected
9876	December 1997	Indicated by a sideline in the margin

The following BSI references relate to the work on this standard:
Committee reference B/525/2
Draft for comment 91/10645 DC

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National foreword

This British Standard has been prepared by Subcommittee B/525/2 and is the English language version of EN 445 : 1996 *Grout for prestressing tendons — Test methods* published by the European Committee for Standardization (CEN).

EN 445 was produced as a result of European discussions in which the UK took an active part. The UK voted against this standard at the CEN Formal Vote stage because UK industry considered the standard to be insufficient in providing suitable specification requirements for grouting materials and procedures, particularly for highway bridges.

The UK conducted significant development work and subsequently published Concrete Society Technical Report No. 47 *Durable Bonded Post Tensioned Concrete Bridges*, prepared by a Concrete Society Working Party in collaboration with the Concrete Bridge Development Group (September 1996), to which reference may be made.

At the CEN Formal Vote stage, however, the analysis of voting resulted in a positive vote and in accordance with CEN/CENELEC Internal Regulations Part 2 : *Common rules for standards work* EN 445 was accepted as a European Standard.

Cross-reference

Publication referred to	Corresponding British Standard
EN 196-1 : 1994	BS EN 196-1 : 1995 <i>Determination of strength</i>

Textual error

The textual error set out below was discovered when adopting the text of the European Standard. It has been reported to CEN in a proposal to amend the text of the European Standard.

Figure 2 in the published EN version is not correct. In the national annex NA (informative) of this BS EN an updated version of the figure is given until such time as the EN is amended.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

ICS 91.100.30

Descriptors: Cables, ropes, prestressed concrete, grouting, viscosity, tests

English version

Grout for prestressing tendons — Test methods

Coulis pour câble de précontrainte — Méthode
d'essais

Einpreßmörtel für Spannglieder — Prüfverfahren

This European Standard was approved by CEN on 1994-10-28. 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.

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European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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