BS ISO 14824-1:2012

BSI Standards Publication

Grout for prestressing tendons

Part 1: Basic requirements

bsi.

...making excellence a habit.™

Document Sharing Hub

Full document details: BS ISO 14824-1:2012

National foreword

This British Standard is the UK implementation of ISO 14824-1:2012.

The UK participation in its preparation was entrusted to Technical Committee B/525/2, Structural use of concrete.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2012.
Published by BSI Standards Limited 2012.

ISBN 978 0 580 72057 4

ICS 91.100.30

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2012.

Amendments issued since publication

Date	Text affected

Documents
Document Sharing Hub

Full document details: BS ISO 14824-1:2012

INTERNATIONAL STANDARD

ISO 14824-1

First edition
2012-10-01

Grout for prestressing tendons —

Part 1: Basic requirements

Coulis pour câbles de précontrainte —

Partie 1: Exigences essentielles

Reference number
ISO 14824-1:2012(E)

Documents
Document Sharing Hub

© ISO 2012

Full document details: BS ISO 14824-1:2012

COPYRIGHT PROTECTED DOCUMENT

© ISO 2012

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

© ISO 2012 – All rights reserved

Documents
Document Sharing Hub

Full document details: BS ISO 14824-1:2012

Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Materials **1**
4.1 General 1
4.2 Cement 1
4.3 Water 2
4.4 Admixtures 2
4.5 Additions 2
5 Batching and mixing of grout **2**
6 Properties of grout **3**
6.1 General 3
6.2 Sieve test 3
6.3 Fluidity 4
6.4 Bleeding 4
6.5 Volume change 4
6.6 Strength 4
6.7 Setting time 4
6.8 Density 5
7 Evaluation of conformity **5**
7.1 Production control 5
7.2 Initial type testing 5
7.3 Audit testing 6
Bibliography **7**

© ISO 2012 – All rights reserved

Documents
Document Sharing Hub
Full document details: BS ISO 14824-1:2012

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 14824-1 was prepared by Technical Committee ISO/TC 71, *Concrete, reinforced concrete and pre-stressed concrete*, Subcommittee SC 3, *Concrete production and execution of concrete structures*.

ISO 14824 consists of the following parts, under the general title *Grout for prestressing tendons:*

— *Part 1: Basic requirements*

— *Part 2: Grouting procedures*

— *Part 3: Test methods*

© ISO 2012 – All rights reserved
Documents
Document Sharing Hub
Full document details: BS ISO 14824-1:2012