

Adhesives for load bearing timber structures — Test methods —

**Part 3: Creep deformation test at cyclic
climate conditions with specimens
loaded in bending shear**

ICS 83.180

National foreword

This British Standard is the UK implementation of EN 15416-3:2007+A1:2010. It supersedes BS EN 15416-3:2007 which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by A1 A1.

The UK participation in its preparation was entrusted to Technical Committee PRI/52, Adhesives.

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.

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 31 December 2007

© BSI 2010

ISBN 978 0 580 63860 2

Amendments/corrigenda issued since publication

Date	Comments
31 July 2010	Implementation of CEN amendment A1:2010

English Version

Adhesives for load bearing timber structures other than phenolic
and aminoplastic - Test methods - Part 3: Creep deformation
test at cyclic climate conditions with specimens loaded in
bending shear

Adhésifs pour structures portantes en bois, de type autre
que phénolique et aminoplaste - Méthodes d'essai - Partie
3: Essai de déformation par fluage dans des conditions
climatiques cycliques avec des éprouvettes chargées en
cisaillement par flexion

Klebstoffe für tragende Holzbauteile ausgenommen
Phenolharzklebstoffe und Aminoplaste - Prüfverfahren -
Teil 3: Prüfung der Kriechverformung unter zyklischen
Klimabedingungen an Prüfkörpern bei Biege-
Scherbeanspruchung

This European Standard was approved by CEN on 23 September 2007 and includes Amendment 1 approved by CEN on 4 January 2010.

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 CEN Management Centre 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 CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, 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 United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents		Page
Foreword.....		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Principle.....	5
5	Apparatus	5
5.1	Test jig	5
5.2	Climate chamber	6
5.3	Measuring gauge	6
6	Preparation of test samples.....	6
7	Test procedure, evaluation and expression of results	8
7.1	Test procedure	8
7.2	Evaluation and expression of results	9
8	Test report	10

Foreword

This document (EN 15416-3:2007+A1:2010) has been prepared by Technical Committee CEN/TC 193 “Adhesives”, the secretariat of which is held by AENOR.

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 August 2010, and conflicting national standards shall be withdrawn at the latest by August 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 includes Amendment 1, approved by CEN on 2010-01-04.

This document supersedes EN 15416-3:2007.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

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, Croatia, 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 United Kingdom.

Safety statement

Persons using this document should be familiar with the normal laboratory practice, if applicable. This document does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to ensure compliance with any regulatory conditions.

A1 Environmental statement

It is understood that some of the material permitted in this standard may have negative environmental impact. As technological advantages lead to acceptable alternatives for these materials, they will be eliminated from this standard to the extent possible.

At the end of the test, the user of the standard shall take care to carry out an appropriate disposal of the wastes, according to local regulation. **A1**