

Adhesives for load-bearing timber structures — Test methods —

Part 3: Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength

The European Standard EN 302-3:2004, with the incorporation of amendment A1:2005, has the status of a British Standard

ICS 83.180

National foreword

This British Standard is the official English language version of EN 302-3:2004, including amendment A1:2005. It supersedes BS EN 302-3:1992 which is withdrawn.

The start and finish of text introduced or altered by CEN amendment is indicated in the text by tags **A1** **A1**. 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, which has the responsibility to:

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Summary of pages

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Amendments issued since publication

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English version

**Adhesives for load-bearing timber structures - Test methods -
Part 3: Determination of the effect of acid damage to wood fibres
by temperature and humidity cycling on the transverse tensile
strength
(includes amendment A1:2005)**

Adhésifs pour structures portantes en bois - Méthodes
d'essai - Partie 3: Détermination de l'influence de l'attaque
d'acide des fibres de bois, résultant de traitements
cycliques de température et d'humidité sur la résistance à
la traction transversale
(inclut l'amendement A1:2005)

Klebstoffe für tragende Holzbauteile - Prüfverfahren - Teil 3:
Bestimmung des Einflusses von Säureschädigung der
Holzfasern durch Temperatur- und Feuchtezyklen auf die
Querzugfestigkeit
(enthält Änderung A1:2005)

This European Standard was approved by CEN on 16 April 2004, amendment A1 was approved by CEN on 26 September 2005.

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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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This document (EN 302-3:2004) 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 January 2005, and conflicting national standards shall be withdrawn at the latest by January 2005.

This document supersedes EN 302-3:1992.

This document is one of a series dealing with adhesives for use with timber structures, and is published, in support of Eurocode No. 5, “Common unified rules for timber structures”. The series consists of a classification and performance requirements for two types of phenolic and aminoplastic adhesives for use in different climatic conditions (EN 301), four test methods (EN 302 Parts 1 to 4) used to assess the performance of adhesives after specified heat and humidity treatments, and three test methods (ENV 302-5 and EN 302 Parts 6 and 7) to characterise the working properties of the adhesive.

EN 301 and EN 302 Parts 1 to 4 and Parts 6 and 7 have the following titles.

EN 301 *Adhesives, phenolic and aminoplastic, for load-bearing timber structures — Classification and performance requirements*

EN 302 *Adhesives for load-bearing timber structures — Test methods —*

Part 1: *Determination of bond strength in longitudinal tensile shear strength*

Part 2: *Determination of resistance to delamination*

Part 3: *Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength*

Part 4: *Determination of the effects of wood shrinkage on the shear strength*

Part 6: *Determination of the conventional pressing time* Part 7: *Determination of the conventional working life*

ENV 302-5:2001 has the title ‘*Adhesives for load-bearing timber structures — Test methods — Part 5: Determination of the conventional assembly time*’.

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Foreword to amendment A1

This European standard (EN 302-3:2004/A1:2005) has been prepared by Technical Committee CEN/TC 193 “Adhesives”, the secretariat of which is held by AENOR.

This Amendment to the European Standard EN 302-3:2004 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2006, and conflicting national standards shall be withdrawn at the latest by May 2006.

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