



BSI Standards Publication

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

National foreword

This British Standard is the UK implementation of EN 301:2023. It supersedes BS EN 301:2017, which is withdrawn.

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 committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Adhesives, phenolic and aminoplastic, for load-bearing timber structures - Classification and performance requirements

Adhésifs de nature phénolique et aminoplaste, pour structures portantes en bois - Classification et exigences de performance

Klebstoffe, Phenoplaste und Aminoplaste, für tragende Holzbauteile - Klassifizierung und Leistungsanforderungen

This European Standard was approved by CEN on 18 December 2022.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	6
4 Classification.....	7
5 Requirements.....	10
5.1 General.....	10
5.2 Tensile shear test.....	11
5.3 Delamination test	12
5.4 Fibre damage test	13
5.5 Shrinkage test	13
5.6 Static load test.....	13
5.7 Type testing of separate application finger joint adhesive	14
6 Working properties of the adhesive	14
6.1 General.....	14
6.2 Physical properties of adhesive prepared for use	14
6.3 Use of the adhesive.....	14
7 Marking and labelling	14
Annex A (normative) Delamination test for finger joints with separate spread of adhesive and hardener	15
A.1 Production of the specimens	15
A.2 Testing	16
A.3 Expression of results	16
Bibliography	17

European foreword

This document (EN 301:2023) has been prepared by Technical Committee CEN/TC 193 “Adhesives”, the secretariat of which is held by UNE.

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of an identical text or by endorsement, at the latest by July 2023, and conflicting national standards shall be withdrawn at the latest by July 2023.

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

This document supersedes EN 301:2017.

EN 301:2023 includes the following significant technical changes with respect to EN 301:2017:

- a) Table 2 — 2 mm glue line – EN 302-3 Mandatory despite pH-value – beech used in the test;
- b) Table 2 — Gap filling adhesives – EN 302-8 – tested with 1 mm glue line;
- c) 5.1 b) test with representative samples of preservative treated Scots pine or Silver fir, which also covers preservative treated Norway spruce, has been added.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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Introduction

This document is one of a series of standards dealing with phenolic and aminoplastic adhesives for use with timber structures, and is published in support of product standards for load-bearing timber structures in connection with EN 1995-1-1, *Eurocode 5: Design of timber structures — Part 1-1: General — Common rules and rules for buildings*.

The series consists of:

- one standard for classification and performance requirements (EN 301);
- six test methods (EN 302-1, EN 302-2, EN 302-3, EN 302-4, EN 302-8 and Annex A of this document) used to assess the performance of adhesives after specified heat and humidity treatments; and
- three test methods (EN 302-5, EN 302-6 and EN 302-7) to characterize the working properties of the adhesive.

SAFETY STATEMENT

Persons using this document should be familiar with the normal laboratory practice, if applicable. This document cannot 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.

ENVIRONMENTAL STATEMENT

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

At the end of the test, the user of the standard should take care to carry out an appropriate disposal of the wastes, according to local regulations.