

Durability of wood and wood-based products — Definition of hazard classes of biological attack —

Part 3: Application to wood-based panels

The European Standard EN 335-3:1995 has the status of a British Standard

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee B/515, Wood preservation, upon which the following bodies were represented:

- British Wood Preserving and Damp-proofing Association
- Chemical Industries Association
- Creosote Council
- Department of the Environment (Building Research Establishment)
- Electricity Industry in United Kingdom
- Institute of Wood Science
- National House-building Council
- Timber Research and Development Association
- Timber Trade Federation

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Association of Consulting Scientists
- Imperial College of Science and Technology

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 April 1996

© BSI 07-1999

The following BSI references relate to the work on this standard:
Committee reference B/515
Draft for comment 91/57140 DC

ISBN 0 580 25182 9

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
Text of EN 335-3	3
List of references	Inside back cover

National foreword

This Part of BS EN 335 has been prepared by Technical Committee B/515 and is the English language version of EN 335-3:1995 *Durability of wood and wood-based products — Definition of hazard classes of biological attack — Part 3: Application to wood-based panels*, published by the European Committee for Standardization (CEN). EN 335-3 was produced as a result of international discussion in which the United Kingdom participated.

BS EN 335 will consist of the following parts.

- *Part 1: General;*
- *Part 2: Application to solid wood;*
- *Part 3: Application to wood-based panels.*

Parts 1 and 2 are identical to EN 335-1 and EN 335-2.

Cross-references

Publication referred to	Corresponding British Standard
EN 309:1992	BS EN 309:1992 <i>Wood particleboards. Definition and classification</i>
EN 313-2	BS EN 313 <i>Plywood</i> Part 2:1995 <i>Terminology</i>
EN 316:1993	BS EN 316:1993 <i>Wood fibreboards. Definition, classification and symbols</i>
EN 322:1993	BS EN 322:1993 <i>Wood based panels. Determination of moisture content</i>
EN 335-1:1992	BS EN 335 <i>Hazard classes of wood and wood-based products against biological attack</i>
EN 633:1993	BS EN 633:1994 <i>Cement-bonded particleboards. Definition and classification.</i>

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

ICS 71.100.50

Descriptors: Wood, wooden boards, particle boards, fibreboards, plywood, biodegradability, hazards, pest control, durability, classification

English version

Durability of wood and wood-based products — Definition of hazard classes of biological attack — Part 3: Application to wood-based panels

Durabilité du bois et des matériaux dérivés du bois — Définition des classes de risque d'attaque biologique — Partie 3: Application aux panneaux à base de bois

Dauerhaftigkeit von Holz und Holzprodukten — Definition der Gefährdungsklassen für einen biologischen Befall — Teil 3: Anwendung bei Holzwerkstoffen

This European Standard was approved by CEN on 1995-05-24. 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.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

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

Central Secretariat: rue de Stassart 36, B-1050 Brussels

© 1995 All rights of reproduction and communication in any form and by any means reserved in all countries to CEN and its members

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 38, Durability of wood and wood-based products, of which the Secretariat is held by AFNOR.

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 1996, and conflicting national standards shall be withdrawn at the latest by January 1996.

This European Standard is divided in three Parts, Part 1 gives general definitions of hazard classes of biological attack, Part 2 concerns their application to solid wood and Part 3 concerns their application to wood-based panels, this last Part has been established in association with CEN/TC112, Wood-based panels.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard : Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Contents

	Page
Foreword	2
1 Scope	3
2 Normative references	3
3 Definitions	3
3.1 Plywood	3
3.2 Particleboard	3
3.3 Oriented strand board	3
3.4 Fibreboard	3
3.5 Cement-bonded particleboard	3
4 Hazard classes: Application to wood-based panels	3
4.1 General	3
4.2 Plywoods	4
4.3 Particleboards	4
4.4 Oriented strand boards	6
4.5 Fibreboards	7
4.6 Cement-bonded particleboards	9
Annex A (informative) Guide for the application to wood-based panels	10
A.1 Introduction	10
A.2 General decision making	10
A.3 General precautions	10
A.4 Durability of wood-based panels — Inherent or conferred	10
Annex B (informative) List of product standards to wood-based panels	11
Annex C (informative) Bibliography	11
Table 1 — Summary of hazard classes, general moisture levels and attacking biological agencies for plywoods	5
Table 2 — Summary of hazard classes, general moisture levels and attacking biological agencies for particleboards	5
Table 3 — Summary of hazard classes, general moisture levels and attacking biological agencies for Oriented Strand Boards	7
Table 4 — Summary of hazard classes, general moisture levels and attacking biological agencies for fibreboards	8