BRITISH STANDARD

BS EN
312-4 : 1997

Particleboards — Specifications

Part 4. Requirements for load-bearing boards for use in dry conditions

The European Standard EN 312-4 : 1996 has the status of a British Standard

ICS 79.060.20

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee B/541, Wood-based panels, upon which the following bodies were represented:

APA Engineered Wood Association
Association of British Plywood and Veneer Manufacturers
British Woodworking Federation
Council of the Forest Insdustries of British Columbia
Department of the Environment (Building Research Establishment)
Finnish Plywood International
Flat Roofing Contractors' Advisory Board
Forestry Commission
Furniture Industry Research Association
Institution of Structural Engineers
Local Authority Organizations
Mineral Bonded Board Products Federation
National Federation of Roofing Contractors
National House-Building Council
National Panel Products Association
Royal Institute of British Architects
Structural Board Association
Timber Research and Development Association
Timber Trade Federation
Wood Panel Industries Federation
Zurich Municipal Building Guarantee

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 1997

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Amendments issued since publication

Amd. No.	Date	Text affected

The following BSI references relate to the work on this standard:
Committee reference B/541
Draft for comment 92/13489 DC

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National foreword

This British Standard has been prepared by Technical Committee B/541 and is the English language version of EN 312-4 : 1996 *Particleboards — Specifications — Part 4: Requirements for load-bearing boards for use in dry conditions* published by the European Committee for Standardization (CEN). EN 312-4 was produced as a result of international discussions in which the United Kingdom took an active part.

BS EN 312-1, BS EN 312-2, BS EN 312-3, BS EN 312-4, BS EN 312-5, BS EN 312-6 and BS EN 312-7 together supersede BS 5669 : Part 2 : 1989 which will be withdrawn in accordance with CEN provisions within six months of completion of the full package of standards covering particleboards and related test methods. These standards are:

EN 120	EN 312-4	EN 322
EN 309	EN 312-5	EN 323
EN 310	EN 312-6	EN 324-1
EN 311	EN 312-7	EN 324-2
EN 312-1	EN 317	EN 325
EN 312-2	EN 319	EN 326-1
EN 312-3	EN 321	EN 1087-1

The values in table 1 of this standard are in most cases determined and expressed using different test methods and statistical procedures to those used to derive the values in tables 1 and 4 of BS 5669 : Part 2. Care should therefore be taken in drawing inferences on quality by a simple comparison of the numerical values in the two standards.

Particleboards conforming to the requirements of this standard may be referred to as P4 boards.

Cross-references

Publication referred to	Corresponding British Standard
EN 310 : 1993	BS EN 310 : 1993 *Wood-based panels. Determination of modulus of elasticity in bending and of bending strength*
EN 311 : 1992	BS EN 311 : 1992 *Particleboards. Surface soundness of particleboards, test method*
EN 312-1 : 1996	BS EN 312 *Particleboards — Specifications* Part 1 : 1997 *General requirements for all board types*
EN 317 : 1993	BS EN 317 : 1993 *Particleboards and fibreboards. Determination of swelling in thickness after immersion in water*
EN 318 : 1993	BS EN 318 : 1993 *Fibreboards. Determination of dimensional changes associated with changes in relative humidity*
EN 319 : 1993	BS EN 319 : 1993 *Particleboards and fibreboards. Determination of tensile strength perpendicular to the plane of the board*
EN 323 : 1993	BS EN 323 : 1993 *Wood-based panels. Determination of density*
EN 326-1 : 1994	BS EN 326 *Wood-based panels. Sampling, cutting and inspection* Part 1 : 1994 *Sampling and cutting of test pieces and expression of test results*

NOTE. EN 312-4 makes informative reference to EN 300, EN 326-2 and EN 326-3 which are currently in preparation.

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 6, an inside back cover and a back cover.

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