

BS EN 636:2012



BSI Standards Publication

Plywood — Specifications

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National foreword

This British Standard is the UK implementation of EN 636:2012. It supersedes BS EN 636:2003 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/541, Wood based panels.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Amendments issued since publication

Date	Text affected
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English Version

Plywood - Specifications

Contreplaqué - Exigences

Sperrholz - Anforderungen

This European Standard was approved by CEN on 11 August 2012.

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Foreword

This document (EN 636:2012) has been prepared by Technical Committee CEN/TC 112 "Wood-based panels", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by March 2013, and conflicting national standards shall be withdrawn at the latest by March 2013.

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 supersedes EN 636:2003.

Compared to EN 636:2003, the following modifications have been made:

- a) classification system for bending strength and bending modulus completed with classes F 35 and E 35;
- b) limit values in Table 2 changed;
- c) letter indicating the intended application changed from "G" to "NS";
- d) marking of formaldehyde release revised in accordance with EN 13986;

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies the requirements for plywood, as defined in EN 313-2, for both general purpose use (non-structural application) and structural application in dry, humid or exterior conditions. It also gives a classification system based on the bending properties.

NOTE 1 This European Standard is referenced in EN 13986 for construction applications.

NOTE 2 For additional guidance on application, information is provided in CEN/TS 1099.

The values listed under Clause 4 relate only to product properties; they are not 'characteristic values' and are not to be used in design calculations.

NOTE 3 Characteristic values (i.e. for use in design calculation according to EN 1995-1-1) are given either in EN 12369-2 which is based on the classification system given in this standard or by the manufacturer based on testing according to EN 789, EN 1058 and ENV 1156.

Additional information on supplementary properties for certain applications is also given.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 310, *Wood-based panels — Determination of modulus of elasticity in bending and of bending strength*

EN 314-1, *Plywood — Bonding quality — Part 1: Test methods*

EN 314-2, *Plywood — Bonding quality — Part 2: Requirements*

EN 315, *Plywood — Tolerances for dimensions*

EN 318, *Wood-based panels — Determination of dimensional changes associated with changes in relative humidity*

EN 322, *Wood-based panels — Determination of moisture content*

EN 323, *Wood-based panels — Determination of density*

EN 324-1, *Wood-based panels — Determination of dimensions of boards — Part 1: Determination of thickness, width and length*

EN 324-2, *Wood-based panels — Determination of dimensions of boards — Part 2: Determination of squareness and edge straightness*

EN 326-1, *Wood-based panels — Sampling, cutting and inspection — Part 1: Sampling and cutting of test pieces and expression of test results*

EN 326-2, *Wood-based panels - Sampling, cutting and inspection - Part 2: Initial type testing and factory production control*

EN 326-3, *Wood based panels — Sampling, cutting and inspection — Part 3: Inspection of an isolated lot of panels*