

Plywood — Specifications

The European Standard EN 636:2003 has the status of a
British Standard

ICS 79.060.10

National foreword

This British Standard is the official English language version of EN 636:2003. It supersedes BS EN 636-1:1997, BS EN 636-2:1997 and BS EN 636-3:1997 which are withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/541, Wood based panels, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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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 Management Centre has the same status as the official versions.

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Foreword

This document (EN 636:2003) 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of an identical text or by endorsement, at the latest by December 2003, and conflicting national standards shall be withdrawn at the latest by December 2003.

This document supersedes EN 636-1:1996, EN 636-2:1996 and EN 636-3:1996.

Compared to EN 636-1:1996, EN 636-2:1996 and EN 636-3:1996 the following modifications have been made:

- a) a classification system for bending strength and bending modulus has been added.
- b) the classification of formaldehyde release has been revised in accordance with EN 13986.

Annex A is normative.

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

1 Scope

This European Standard specifies the requirements for plywood for general purposes or structural application in dry, humid or exterior conditions. It also gives a classification system based on the bending properties.

NOTE 1 This standard will be called up in EN 13986 for construction applications.

The values listed in this standard relate to product properties but they are not characteristic values to be used in design calculations.

NOTE 2 Such characteristic values (e. g. for use in design calculation in ENV 1995-1-1) are given either in prEN 12369-2 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

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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.*