



**NSAI**  
Standards

Irish Standard  
I.S. EN 622-2:2004

## Fibreboards - Specifications - Part 2: Requirements for hardboards

## I.S. EN 622-2:2004

*Incorporating amendments/corrigenda issued since publication:*

EN 622-2:2004/AC:2005

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWIFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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English version  
Version Française  
Deutsche Fassung

Fibreboards - Specifications - Part 2: Requirements for hardboards

Panneaux de fibres - Exigences - Partie 2:  
Exigences pour panneaux durs

Faserplatten - Anforderungen - Teil 2:  
Anforderungen an harte Platten

This corrigendum becomes effective on 7 December 2005 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 7 décembre 2005 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 7. Dezember 2005 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

**I.S. EN 622-2:2004**

**EN 622-2:2004/AC:2005 (E/F/D)**

**English version**

4.2.2, Table 3, internal bond, > 5,5 mm nominal thickness: Replace "0,30 N/mm<sup>2</sup>" by "0,60 N/mm<sup>2</sup>".

**Version française**

4.2.2, tableau 3, cohésion interne, > 5,5 mm épaisseur nominale: Remplacer "0,30 N/mm<sup>2</sup>" par "0,60 N/mm<sup>2</sup>".

**Deutsche Fassung**

4.2.2, Tabelle 3, Querkzugfestigkeit, > 5,5 mm Nenndicke: "0,30 N/mm<sup>2</sup>" ist durch "0,60 N/mm<sup>2</sup>" zu ersetzen.

English version

## Fibreboards - Specifications - Part 2: Requirements for hardboards

Panneaux de fibres - Exigences - Partie 2: Exigences pour  
panneaux durs

Faserplatten - Anforderungen - Teil 2: Anforderungen an  
harte Platten

This European Standard was approved by CEN on 2 February 2004.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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<b>Contents</b>	<b>Page</b>
<b>Foreword</b> .....	<b>3</b>
<b>1 Scope</b> .....	<b>4</b>
<b>2 Normative references</b> .....	<b>4</b>
<b>3 Terms and definitions</b> .....	<b>5</b>
<b>4 Requirements</b> .....	<b>6</b>
<b>4.1 General</b> .....	<b>6</b>
<b>4.2 Requirements for general purpose boards</b> .....	<b>6</b>
<b>4.3 Requirements for load-bearing boards</b> .....	<b>8</b>
<b>5 Verification of compliance</b> .....	<b>9</b>
<b>5.1 General</b> .....	<b>9</b>
<b>5.2 External control</b> .....	<b>9</b>
<b>5.3 Factory production control</b> .....	<b>9</b>
<b>6 Marking</b> .....	<b>10</b>
<b>6.1 General purpose boards</b> .....	<b>10</b>
<b>6.2 Load-bearing boards</b> .....	<b>10</b>
<b>6.3 Colour coding</b> .....	<b>10</b>
<b>Annex A (normative) Supplementary properties</b> .....	<b>11</b>
<b>Annex B (normative) Boil test according to EN 1087-1:1995 — Modified procedure</b> .....	<b>12</b>
<b>Annex C (normative) Determination of bending strength after boil test according to EN 1087-1:1995 — Modified procedure</b> .....	<b>13</b>
<b>Bibliography</b> .....	<b>14</b>

## Foreword

This document (EN 622-2:2004) 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 October 2004, and conflicting national standards shall be withdrawn at the latest by October 2004.

Annexes A, B and C are normative.

This standard is one of a series specifying requirements for fibreboards. The other parts of this series are listed in clause 2 and in the bibliography.

This document supersedes EN 622-2:1997.

The following modifications have been made:

- a) The quality requirements of the panel types HB, HB.HLA1 and HB.HLA2 have been modified.
- b) The test interval for moisture resistance has been reduced in accordance with EN 13986.

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

## 1 Scope

This European Standard specifies the requirements for hardboards as defined in EN 316.

The values listed in this standard relate to product properties but they are not characteristic values to be used in design calculations<sup>1)</sup>.

## 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 310:1993, *Wood-based panels — Determination of modulus of elasticity in bending and of bending strength.*

EN 317, *Particleboards and Fibreboards — Determination of swelling in thickness after immersion in water.*

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

EN 319, *Particleboards and Fibreboards — Determination of tensile strength perpendicular to the plane of the board.*

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: Quality control in the factory.*

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

EN 382-2, *Fibreboards — Determination of surface absorption — Part 2: Test method for hardboards.*

EN 622-1, *Fibreboards — Specifications — Part 1: General requirements.*

EN 1087-1:1995, *Particleboards — Determination of moisture resistance — Part 1: Boil test.*

EN 12871, *Wood-based panels — Performance specifications and requirements for load-bearing boards for use in floors, walls and roofs.*

EN 13986:2002, *Wood-based panels for use in construction — Characteristics, evaluation of conformity and marking.*

ENV 1995-1-1:1993, *Eurocode 5 — Design of timber structures — Part 1-1: General rules and rules for buildings.*

ISO 3340, *Fibre building boards — Determination of sand content.*

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1) Such characteristic values (e.g. for use in design calculation in ENV 1995-1-1) are either given EN 12369-1 or derived by testing according to EN 789, EN 1058 and ENV 1156.



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