

Wood-based panels - Melamine faced boards for interior uses - Definition, requirements and classification

Wood-based panels - Melamine faced boards for interior uses - Definition, requirements and classification

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14322:2004 sisaldab Euroopa standardi EN 14322:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 27.07.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14322:2004 consists of the English text of the European standard EN 14322:2004.</p> <p>This document is endorsed on 27.07.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
--	---

<p>Käsitlusala:</p> <p>This European Standard specifies the surface requirements and dimensional tolerances for decorative melamine faced boards for interior use which are common for particleboards and fibreboards. This standard does not apply to boards laminated with so called priming foils, finish foils, laminates according to EN 438-1. This standard does not apply to laminate floor coverings. Melamine faced wood-based boards in accordance with this standard may be referred to as MFB.</p>	<p>Scope:</p> <p>This European Standard specifies the surface requirements and dimensional tolerances for decorative melamine faced boards for interior use which are common for particleboards and fibreboards. This standard does not apply to boards laminated with so called priming foils, finish foils, laminates according to EN 438-1. This standard does not apply to laminate floor coverings. Melamine faced wood-based boards in accordance with this standard may be referred to as MFB.</p>
--	--

ICS 79.060.01

Võtmesõnad:

ICS 79.060.01

English version

Wood-based panels - Melamine faced boards for interior uses -
Definition, requirements and classification

Panneaux à base de bois - Panneaux surfacés mélaminés
pour usages intérieurs - Définition, exigences et
classification

Holzwerkstoffe - Melaminbeschichtete Platten zur
Verwendung im Innenbereich - Definition, Anforderungen
und Klassifizierung

This European Standard was approved by CEN on 16 January 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.



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

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

Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions.....	4
4 Requirements	4
5 Appearance.....	5
5.1 Colour matching.....	5
5.2 Surface texture.....	6
6 Classification by resistance to abrasion	6
7 Verification of compliance	6
7.1 General.....	6
7.2 Factory production control.....	6
7.3 External control.....	6
8 Marking	7
Annex A (normative) Supplementary properties	8
Annex B (normative) Formaldehyde release	9
Bibliography	10

Foreword

This document (EN 14322:2004) 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 September 2004, and conflicting national standards shall be withdrawn at the latest by September 2004.

Annexes A and B are 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, 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 surface requirements and dimensional tolerances for decorative melamine faced boards for interior use which are common for particleboards and fibreboards.

This standard does not apply to boards laminated with so called priming foils, finish foils, laminates according to EN 438-1.

This standard does not apply to laminate floor coverings.

Melamine faced wood-based boards in accordance with this standard may be referred to as MFB.

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 311, *Wood-based panels - Surface soundness - Test method*

ENV 717-1, *Wood-based panels - Determination of formaldehyde release - Part 1: Formaldehyde emission by the chamber method*

EN 717-2, *Wood-based panels - Determination of formaldehyde release - Part 2: Formaldehyde release by the gas analysis method*

EN 14323, *Wood-based panels - Melamine faced boards for interior uses - Test methods*

3 Terms and definitions

For the purposes of this European Standard, the following term and definition applies.

melamine faced board

MFB

board manufactured by directly applying uncured aminoplastic resin impregnated papers to one or both faces of board substrates and achieving bonding and curing in the same process using heat and pressure but without the use of an intermediate adhesive. The resin of the surface layer is an aminoplastic resin (mainly melamine resin).

The board surfaces may be smooth or structured on one or both faces and the outer surfaces having decorative colours or design

4 Requirements

Melamine faced boards shall comply with the general requirements as listed in Table 1 when dispatched from the producing factory.