

**Puitkiudplaadid. Spetsifikaadid. Osa 5: Nõuded
kuivmeetodi plaatidele (MDF)**

Fibreboards - Specifications - Part 5: Requirements for dry
process boards (MDF)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 622-5:2010 sisaldab Euroopa standardi EN 622-5:2009 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 28.02.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 11.11.2009.

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This Estonian standard EVS-EN 622-5:2010 consists of the English text of the European standard EN 622-5:2009.

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English Version

Fibreboards - Specifications - Part 5: Requirements for dry process boards (MDF)

Panneaux de fibres - Exigences - Partie 5 : Exigences pour panneaux obtenus par procédé à sec (MDF)

Faserplatten - Anforderungen - Teil 5: Anforderungen an Platten nach dem Trockenverfahren (MDF)

This European Standard was approved by CEN on 3 October 2009.

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 622-5:2009) 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of an identical text or by endorsement, at the latest by May 2010, and conflicting national standards shall be withdrawn at the latest by May 2010.

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 622-5:2006.

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.

Compared to EN 622-5:2006 the following modifications have been made:

- a) Panel type MDF.RWH also intended for instantaneous or short-term load duration as a rigid underlay in roofing and walls;
- b) Requirement for swelling in thickness after cyclic testing changed for panel type MDF.RWH in Table 11.

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

1 Scope

This European Standard specifies the requirements for dry process boards (MDF) as defined in EN 316.

The values listed in this European Standard relate to product properties but they are not characteristic values to be used in design calculations¹⁾.

2 Normative references

The following referenced documents are indispensable for the application of this document. 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 311, *Wood-based panels — Surface soundness — Test method*

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 320, *Fibreboards — Determination of resistance to axial withdrawal of screws*

EN 321, *Wood-based panels — Determination of moisture resistance under cyclic test conditions*

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 382-1, *Fibreboards — Determination of surface absorption — Part 1: Test method for dry process fibreboards*

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 13271, *Timber fasteners — Characteristic load-carrying capacities and slip-moduli for connector joints*

EN 13446, *Wood-based panels — Determination of withdrawal capacity of fasteners*

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