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I.S. EN 316:2009

# Wood fibre boards - Definition, classification and symbols

## I.S. EN 316:2009

*Incorporating amendments/corrigenda issued since publication:*

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English Version

## Wood fibre boards - Definition, classification and symbols

Panneaux de fibres de bois - Définition, classification et symboles

Holzfaserplatten - Definition, Klassifizierung und Kurzzeichen

This European Standard was approved by CEN on 11 January 2009.

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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 CEN Management Centre has the same status as the official versions.

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## **Foreword**

This document (EN 316:2009) 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by publication of an identical text or by endorsement, September 2009, and conflicting national standards shall be withdrawn at the latest by September 2009.

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 European standard supersedes EN 316:1999.

Compared to EN 316:1999, the following modification has been made:

- a) 3.2.3 on dry process boards has been revised, deleting references to density ranges.

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 gives the definition, classification and symbols for wood fibreboards.

## **2 Terms and definitions**

For the purposes of this document, the following terms and definitions apply.

**2.1**  
**wood fibreboard**  
panel material with a nominal thickness of 1,5 mm or greater, manufactured from lignocellulosic fibres with application of heat and/or pressure

NOTE 1 Wood fibreboards are subsequently referred to as fibreboards.

NOTE 2 The bond is derived:

- either from the felting of the fibres and their inherent adhesive properties; or
- from a synthetic adhesive added to the fibres.

Other additives can be included.

**2.2**  
**wet process board**  
fibreboard having a fibre moisture content of more than 20 % at the stage of forming

**2.3**  
**dry process board**  
fibreboard having a fibre moisture content of less than 20 % at the stage of forming

NOTE Dry process boards are essentially produced under heat and pressure with the addition of a synthetic adhesive

## **3 Classification**

### **3.1 General**

Fibreboards can be classified according to different criteria, e.g. related to production process, thickness, density, specific properties, conditions of use or application purposes.

In this standard, a combined system of criteria is used for the classification of fibreboards, starting with the production process.

### **3.2 Classification according to production process**

#### **3.2.1 General**

Fibreboards are classified by their production process as follows:

- 1) wet process fibreboards;

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