



NSAI
Standards

Irish Standard
I.S. EN 316:2009

Wood fibre boards - Definition, classification and symbols

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I.S. EN 316:2009

Incorporating amendments/corrigenda issued since publication:

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<i>This document replaces:</i> I.S. EN 316:2000	<i>This document is based on:</i> EN 316:2009 EN 316:1999	<i>Published:</i> 4 March, 2009 28 January, 2000	
This document was published under the authority of the NSAI and comes into effect on: 29 April, 2009		ICS number: 79.060.20	
NSAI 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	Sales: T +353 1 857 6730 F +353 1 857 6729 W standards.ie	Price Code: E
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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

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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by publication of an identical text or by endorsement, September 2009, and conflicting national standards shall be withdrawn at the latest by September 2009.

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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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