

Spånskivor – Typer

Particleboards – Definitions and classification

Europastandarden EN 309:2005 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 309:2005.

Denna standard ersätter SS-EN 309, utgåva 1.

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This standard supersedes the Swedish Standard SS-EN 309, edition 1.

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English version

Particleboards - Definition and classification

Panneaux de particules - Définition et classification

Spanplatten - Definition und Klassifizierung

This European Standard was approved by CEN on 8 December 2004.

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Foreword

This document (EN 309:2005) 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of an identical text or by endorsement, at the latest by July 2005, and conflicting national standards shall be withdrawn at the latest by July 2005.

This document supersedes EN 309:1992.

The following modifications have been made:

- a) Oriented Strand Boards (OSB) and waferboards are not covered any more.
- b) The classification according to the use has been adapted to the panel types according to EN 312 and EN 13986.
- c) Boards with improved resistance to biological attack, fire retardant boards and sound absorbing boards are not explicitly mentioned any more.

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.

EN 309:2005 (E)**1 Scope**

This document gives a definition and a classification for particleboards.

2 Terms and definitions

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

particleboard

panel material manufactured under pressure and heat from particles of wood (wood flakes, chips, shavings, sawdust and similar) and/or other lignocellulosic material in particle form (flax shives, hemp shives, bagasse fragments, straw and similar), with the addition of a polymeric adhesive

NOTE Particleboards with mineral binders are dealt with in other documents.

3 Classification**3.1 General**

Particleboards can be classified according to different criteria and it is impossible to give an absolute classification here. However, for this document, particleboards are classified as follows:

3.2 According to the manufacturing process

- flat pressed
- drum pressed
- extruded
 - a) solid
 - b) with tubes

3.3 According to the state of surface

- as pressed (unsanded)
- sanded or planed
- coated (liquid coating, e.g. paint)
- surfaced under pressure with a solid material (e.g. veneer, impregnated decorative paper, decorative laminated sheet, foil)

3.4 According to the shape

- flat
- with profiled surface
- with profiled edge