DATA SHEET - CONIFEROUS PLYWOOD

It is a wood-based panel consisting of layers of wood glued together (outer and inner veneers), with the fibers of the adjacent layers most often running at right angles, and the veneers (outer veneers) are made of pine or spruce wood.

Types of plywood depending on the type of bonding:

- moisture resistant plywood - on the basis of urea-formaldehyde resin, for use in dry conditions (according to PN-EN 636), meeting the requirements of 1 gluing class quality according to PN-EN 314-2
- weather-boil-proof with a bright glue line – on the basis of melamine-urea-phenol-formaldehyde resin, for use in exterior conditions (according to PN-EN 636), meeting the requirements of 3 gluing class quality according to PN-EN 314-2
- weather-boil-proof - on the basis of phenol-formaldehyde resin, for use in exterior conditions (according to PN-EN 636), meeting the requirements of 3 gluing class quality according to PN-EN 314-2

Types of plywood depending on quality class:

Plywood is produced in the following quality classes: I, II, III, IV (according to EN 635-2), where class I is the highest class and class IV - the lowest.

Thickness and tolerances

Plywood is produced in the thickness range from 4 to 40 mm. Thickness tolerances are defined in the standard EN 315.

Humidity

10±5% (according to PN-EN 322).

Density

600 – 700 kg/m^3 (according to EN 323).

Standard formats

2500x1250mm, 1250x2500mm, 2440x1220mm, 1220x2440mm, 2130x1250mm, 1250x2130mm or as agreed with the customer.

Length and width tolerance: ± 3,5 mm (acc. to EN 315).

Edge straightness: ± 1,0 mm/m of side length (acc. to EN 315)..

Processing options:

Cutting into smaller formats; simple and profile processing of edges, drilling holes, milling grooves, grooves, rebates; machining on CNC machining centers.

Application

Construction, furniture, packaging, boatbuilding, vehicle construction, production of wooden accessories and others.

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