

DATA SHEET – PLYWOOD FOR PAINTING

Plywood for painting is a wood-based panel consisting of wood layers glued together with adhesive resin (outer and inner veneers), with the fibers of the adjacent layers usually running at right angles. Outer veneers are made of birch, alder or beech wood. The plywood surface is covered with a special film, which primes the surfaces, thus reducing paint consumption and preventing it from cracking. The color and type of surface depends on the arrangements with the customer.

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 surface:

- plywood covered with film for painting on one side
- plywood covered with film for painting on both sides

Other characteristics features

- color of the film for painting - beige, white, black or other upon agreement
- weight of film for painting - 180 g / m² or higher

Thickness and tolerances

Plywood is produced in the thickness range from 4 to 35 mm. Thickness tolerances are defined in the standard EN 315.

Humidity

10±5% (according to PN-EN 322).

Density

650 – 800 kg/m³ (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

For the production of doors, for the production of home and garden furniture, signs and outdoor advertisements, notice boards and traffic signs, interior wall and ceiling linings, for the production of toys, for the production of packaging.

