

SOFTWOOD PLYWOOD



Plywood with outer plies made of softwood veneers (pine, spruce). Core might be built as "combi", i.e. cross grain - alder or birch, long grain - pine.

Pine, which is used for production of softwood plywood, is high quality species of pine *pinus sylvestris* coming mainly from the Mazuria Forests (northeastern Poland).

MANUFACTURED IN FOLLOWING TYPES OF GLUING

- interior: on the basis of urea-formaldehyde glue, for use in dry conditions (acc. to EN 636, technical class EN 636-1)
- exterior: on the basis melamine-urea-phenol-formaldehyde glue, for use in exterior conditions (acc. to EN 636, technical class EN 636-3)

1 Standard sizes

2500 x 1250 mm

2 Thickness range

4-35 mm

Other sizes and thickness available on request

3 Appearance quality classes: E, I, II, III, IV acc. to EN 635

4 Density: 550-650 kg/m³

5 Possibilities of post processing

- cutting to smaller sizes on panel saws
- finishing of the edges - straight and profiled, drilling, routing in CNC centres
- finishing of the plate's edges with tongue and groove

6 Main areas of application

Construction, interior decorating, furniture, packaging industry, boat building, woodworking etc.

SKLEJKA IGLASTA



Sklejka z odłogami (warstwami zewnętrznymi) z fornirow sosnowego lub świerkowego. Środek może być wykonany jako „combi”, tzn. poprzeczki - olcha brzoza, podłużki - sosna lub świerk. Sosna, wykorzystywana do produkcji sklejki, to wysoko jakościowa sosna z gatunku pinus sylvestris, w większości pochodząca z Lasów Mazurskich.

PRODUKOWANA W NASTĘPUJĄCYCH TYPACH SKLEJENIA

- suchotrwała: na bazie żywicy mocznikowo-formaldehydowej, do użytku w warunkach suchych (wg PN-EN 636, klasa techniczna EN 636-1)
- wodoodporna: na bazie żywicy mocznikowo-melaminowo-fenolowo-formaldehydowej, do użytku w warunkach zewnętrznych (wg PN-EN 636, klasa techniczna EN 636-3)

1 Formaty standardowe

2500 x 1250 mm

2 Grubość

4-35 mm

Inne formaty i grubości po uzgodnieniu

3 Klasy jakości: E, I, II, III, IV wg PN-EN 635

4 Gęstość: 550-650 kg/m³

5 Możliwości obróbki

- cięcie na mniejsze formaty na formatyzerkach
- obróbka krawędzi prosta i profilowa, wiercenie otworów, frezowanie rowków – w centrach obróbkowych CNC
- obróbka krawędzi płyt i formatek na wpust-wypust

6 Obszary głównych zastosowań

Budownictwo, wykończenie wnętrz, meblarstwo, przemysł opakowań, szklenictwo, produkcja galanterii drzewnej.



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Softwood plywood

Plywood with outer plies made of softwood veneers (pine, spruce). Core might be built as "combi", i.e. cross grain - alder or birch, long grain - pine.

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MANUFACTURED IN FOLLOWING TYPES OF GLUING

- interior: on the basis of urea-formaldehyde glue, for use in dry conditions (acc. to EN 636, technical class EN 636-1),
- exterior with white glue line: on the basis of melamine-urea-phenol-formaldehyde glue, for use in humid conditions (acc. to EN 636, technical class EN 636-2),
- exterior: on the basis of phenol-formaldehyde glue, for use in exterior conditions (acc. to EN 636, technical class EN 636-3).

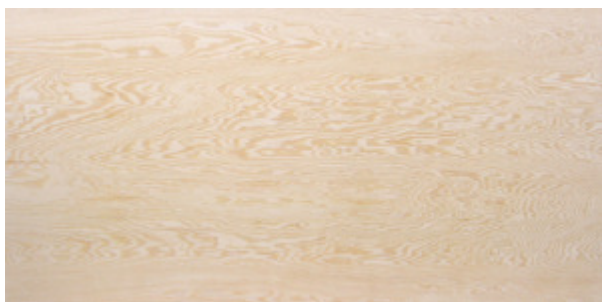
Standard sizes:

- 2500 x 1250 mm

Thickness range: 4-35 mm

Appearance quality classes: E, I, II, III, IV acc. to EN 635 (more information in Plywood classification by surface appearance)

class I



class II



class III



class IV



Density: 550-650 kg/m³

Other sizes and thickness available on request.

Possibilities of post processing

- cutting to smaller sizes on panel saws,
- finishing of the edges - straight and profiled, drilling, routing - in CNC centres,
- finishing of the plate's edges with tongue and groove.

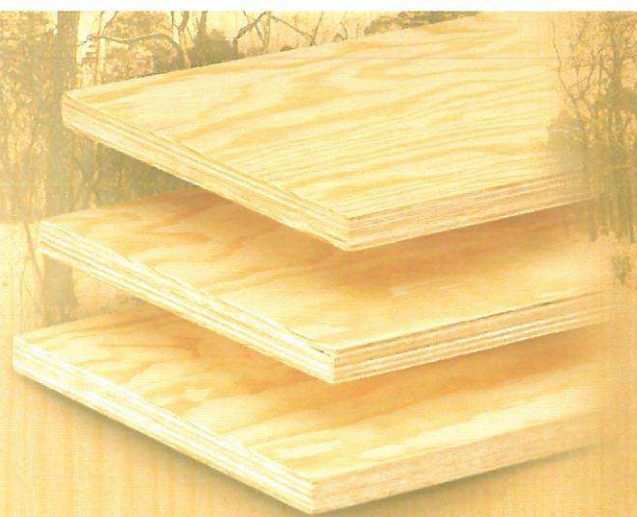
Main areas of application: construction, interior decorating, furniture, packaging industry, boat building, woodworking etc.

PINE PLYWOOD

We offer plywood made of pine wood. It's part of board stuck with uneven number of veneers, which fibres in adherent to oneself plies run in straight angle. For customer wish we can use other construction, like: all plies run in parallel to oneself, thanks to above we get better strength of bending.

We produce plywood in version:

- standard – combi plywood (outer plies – pine, inner plies – any kind of wood)
- special construction - for customer wish (all plies – pine)



TECHNICAL DATA

PINE PLYWOOD											
Type of plywood	Glue	Humidity	Density	Bending strength		Format	Thickness	Number of layers	Packing of goods	Cubature	
				grainwise	cross-grain					2440×1220 (mm)	2130×1250 (mm)
		%	kg/m ³	MPa		mm	mm		pcs/1 pack	cbm/1 pack	
dryglued or waterproof	urea or malamine, fenolic	5 ÷ 12	about 610	50 ÷ 60	30 ÷ 45	2440×1220 (1250) 2130×1250	4	3	100	1.19	1.06
							5	3	80	1.19	1.06
							6	5	68	1.21	1.09
							7/(6.5)	5	68	1.42/(1.32)	1.26/(1.18)
							8	5	50	1.19	1.06
							9	5/7	44	1.18	1.05
							10	7	40	1.19	1.06
							12	7/9	33	1.18	1.05
							15	7/9	27	1.20	1.08
							18	9/11	22	1.18	1.05
							21	11/13	20	1.25	1.12
							24	13/15	17	1.21	1.09

We perform cutting on customer request.

Other thickness and sizes – information in Marketing and Sales Department.

APPLICATION

For the sake of characteristic pine plywood has application in many branches like:

FURNITURE INDUSTRY

- upholstery (invisible, and visible parts of construction)
- framework, box furniture (back and side walls, fronts, shelves, drawers, school furniture: benches, chairs)

WOODWORKING

- wood fancy (flower boxes, shelves, shelving, tables, assembly tables, drawing tables, animal feeders, cages, etc.)
- construction woodworking (outer and inner door, window shutter, frames, window sills)
- musical instruments
- stairways

MEANS OF TRANSPORT

- passenger, goods, rail transport, camps (walls, roofs, floors and decorations)
- for yachting, boats (walls roofs, floors and decorations)

CONSTRUCTION

- roofs, floors and wainscot, etc.
- carrier under parquet in gym halls

FOR PACKING

- boxes for cigars and wines
- chess and other games
- boxes and cases
- non-recurrent package

THE OTHERS

- shelves for racks
- technological platforms, tools
- bowling halls, snooker tables, roller-skate tracks
- rehabilitation equipment
- theatrical stages, scenery
- sport equipment
- coffins



SKLEJKA - EKO S.A.

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