

Technical specification

NOMINAL THICKNESS WITH STANDARD DEVIATION, NUMBER OF PLYS, DENSITY AS PER EN 315, EN 323, EN 324

Nominal Thickness* (mm)	Number of plies (pcs)	Standard Deviation (mm)		Weight (kg/m ²)	Density avg. (kg/m ³)
4	3	-0,5	+0,3	2,8	640-760**
6,5	5	-0,6	+0,4	4,5	
9	7	-0,7	+0,5	6,3	
12	9	-0,8	+0,6	8,4	
15	11	-0,9	+0,7	10,5	
18	13	-0,9	+0,7	12,6	
21	15	-1,0	+0,8	14,7	
24	17	-1,1	+0,9	16,8	
27	19	-1,8	+1,4	18,9	
30	21	-1,9	+1,5	21	
35	25	-1,5	+1,1	24,5	
40	27	-1,6	+1,2	28	
45	31	-1,8	+1,4	31,5	

*Other thicknesses available upon request

**As measured at 8-12% moisture content

STANDARD SIZES

1250 x 2500 / 3000
1500 x 2500 / 3000 / 3300
1530 x 2230
2500 x 1250 / 1500

DIMENSIONAL DEVIATION AS PER EN 315 AND EN 324

Length /width	Deviation
<1000 mm	± 1 mm
1000 – 2000 mm	± 2 mm
> 2000 mm	± 3 mm

RELEASE OF FORMALDEHYDE (EN 16000-3)

< 0,002 ppm

BONDING QUALITY (EN 314-2)

Class 1

MACHINING

CNC machining and drilling on request

STRAIGHTNESS AND SQUARENESS DEVIATION AS PER EN 315 I EN 324

	Deviation
Straightness	± 1% lub +/- 1 mm/m
Squareness	± 1% lub +/- 1 mm/m



Znak odpowiedzialnej
gospodarki leśnej



Eco-friendly plywood **PAGED GREENPLY** - created in care of the environment and people's health.

Innovative plywood that is produced only from 100% biodegradable materials.
First such a product in Poland and one of the few in the world.

Hardwood, interior grade plywood made of sustainably sourced Baltic birch and natural, formaldehyde-free adhesive. Entirely biodegradable plywood, that meets most stringent emission limits of formaldehyde and volatile organic compounds (emitted only from the wood). Paged GreenPly maintains high, mechanical parameters relevant to standard birch plywood, at the same time offering health and environmental benefits.

The application of Paged GreenPly in construction and furniture improves air quality at home, work, school, and any other enclosed spaces and reduces environmental impact. Paged GreenPly is an innovative material for furniture, interior design, flooring, wooden decorations and accessories.

Development in harmony with the environment

Paged GreenPly responds to the needs of customers who are becoming increasingly aware of the impact to nature and the environment. The eco plywood also supports building the company's image concerning sustainable development.

- ✓ Product entirely biodegradable
- ✓ Veneers and binder made from renewable resources
- ✓ Production waste is harmless to the environment
- ✓ Minimal formaldehyde emission (only from the wood)
- ✓ Minimal VOC emission (only from the wood)
- ✓ FSC®-certified raw material (sourced from forests managed according to FSC's rigorous social and environmental standards)



Paged GreenPly applications

Paged GreenPly is an eco-friendly innovation that will make any standard product better. It allows to reduce the negative impact on the natural environment and strengthens the competitiveness of products based on new, green solutions.



Domestic and contract furniture



Toys and furniture for children
Wooden decorations and accessories



Decorative panels
Interior design
Flooring



Caravan industry
Marine furniture



Adhesive made from biological raw materials



Eco-friendly product



Dimensional stability



Ease of machining



High quality and attractive appearance



Possibility of covering in natural wood veneers

The bio-raw material adhesive used in the production of Paged GreenPly is the result of the work of the Paged LabTech company responsible for research and development activities in the Paged group. The company implements innovative ideas that bring benefits to customers, and at the same time takes up the environmental challenges posed by sustainable development in industry.



Ecological solution without losing mechanical properties

The advantage of plywood has always been its high mechanical parameters, higher than the wood itself. When introducing eco-innovations in the plywood industry, it is important to maintain this advantage. Research has shown that Paged GreenPly has the same high strength as standard, moisture resistant plywood.

Comparison of mechanical parameters: GreenPly vs. standard, moisture resistant plywood

		Standard	Standard plywood 12,0 mm	Paged GreenPly 12,0 mm
MOR Modulus of rupture (N/mm ²)		min. 45	90,90	104,44
	⊥	min. 38	61,62	83,44
MOE Modulus of elasticity (N/mm ²)		min. 4000	9493,72	9709,7
	⊥	min. 3000	5772,78	7273,35
Bonding quality as per EN 314 (N/mm ²)		> 1	1,41	1,49