

Paged Softwood ThickPly

Thick-ply structural pine plywood with a waterproof bond

Waterproof thick-ply softwood plywood manufactured from top-quality certified raw material. The layers are made of pine veneer with a thickness of 2.5 and 3.2 mm. The greater-than-standard layer thickness and the use of pine wood provide the product with a low weight while maintaining high mechanical properties.

The special plywood construction has been engineered to meet the highest demands of the construction industry, including prefabrication. The panel is lightweight, strong, and durable, making it an excellent choice for floor, wall, and ceiling sheathing in both new builds and renovation projects. Also available in a tongue-and-groove option.

The parameters of Paged Softwood ThickPly are also highly valued in other industries: transport, boat building, furniture manufacturing, and packaging.



> Advantages:



Easy to machine



Lighter construction



Low volatile organic compound emissions



High strength



Ecological manufacturing process



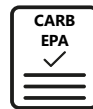
Dimensional stability



E20 118RII homologation



Declaration of Performance



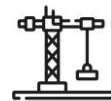
Znak odpowiedzialnej gospodarki leśnej

> Standard formats* [mm]

2500 x 1250
2440 x 1220
2500 x 625

*Non-standard sizes available on request.

> Industries and applications:



Construction



Roof decking



Floor sheathing



Wall sheathing



Furniture production



Boatbuilding



Packaging



Versatile use

> Technical specifications:

Quality class [EN 635-3]	II, III, IV
Reaction to fire classification** [EN 13501-1]	D-s2, d0
Declaration of performance	Structural plywood; CE2+

**without an air gap, for thicknesses of 9 mm and above

› Thickness, number of plies, standard deviations, and density [EN 315, EN 323, EN 324]

Nominal thickness* (mm)	Number of plies (pcs)	Minimum deviation from nominal thickness (mm)	Maximum deviation from nominal thickness (mm)	Weight (kg/m ²)	Average density** (kg/m ³)
9	3	-0,7	+0,5	5.4	550-650
12	5	-0,8	+0,6	7.2	
15	5	-0,9	+0,7	9.0	
18	7	-0,9	+0,7	10.8	
21	8	-1,0	+0,8	12.6	
24	9	-1,1	+0,9	14.4	
27	10	-1,8	+1,4	16.2	
30	11	-1,9	+1,5	18.0	
35	13	-1.5	+1.1	21.0	
40	15	-1.6	+1.2	24.0	

* other thicknesses and custom constructions available on request

** density at 8–12% moisture content

› Characteristic values for bending strength and modulus of elasticity [EN 789:2005, EN 1058:2010]

Nominal thickness (mm)	Bending strength (MOR) [MPa]	MOE (Modulus of Elasticity) [Mpa]
12	II 19.20 ± 21.40	II 8658 ± 5654
15	II 28.00 ± 12.20	II 9220 ± 3567
18	II 29.20 ± 20.20	II 9675 ± 5586
21	II 24.30 ± 23.10	II 7976 ± 6619

› Characteristic values for bending strength and modulus of elasticity (EN 789:2005, EN 1058:2010) for other plywood thicknesses can be found in the Declaration of Performance (DoP) at www.pagedplywood.com

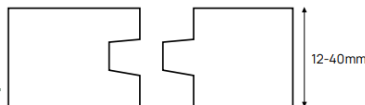
› Dimensional deviations of plywood [EN 315, EN 324]

Length / width	Deviation
< 1,000 mm	± 1 mm
1,000–2,000 mm	± 2 mm
> 2,000 mm	± 3 mm

› Edge straightness and squareness deviations [EN 315, EN 324]

Edge straightness and squareness	± 0.1% or ± 1 mm/m
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› Also available in a tongue-and-groove option.



› Standard formats*** [mm]

2500 x 1250 2440 x 1220 2500 x 625
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***Non-standard sizes available on request.

› Formaldehyde emission class [EN 717-1]

E1

REACH 05

› Bonding quality class [EN 314-2]

CLASS 3

› Processing

- Edge machining
- CNC machining
- Drilling according to customer specifications

› Additional information

1. General Terms of Sale
2. Declaration of Performance
3. Norms and standards

Scan the QR code or click the link:
www.pagedplywood.com

Paged

P L Y W O O D

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The parameters presented in the technical data sheet have been developed in accordance with the internal standards of PAGED Plywood S.A. and with reference to the requirements of EN 636 and other applicable plywood standards.

› Packaging

The plywood is stacked on pallets adapted to its dimensions. Depending on customer requirements and the method of transport, bundles are protected with cardboard and secured with strapping. The edges are protected with corner guards. The pallet height is 10–12 cm. Standard bundle heights are 60 cm and 40 cm (without pallet). The average pallet weight is 26–30 kg. Loading is carried out at the plant using forklifts. Trucks collecting the plywood must be suitable for side loading (with a minimum loading width of 2.50 m).

› Storage

Plywood sheets should be stored in a horizontal position. Do not place the sheets directly on the ground; store them on pallets that are larger than the sheets being stacked. Avoid storing plywood of different sizes, different wood species, or varying water-resistance levels in the same stack. The storage area should protect the plywood from direct exposure to water, excessive humidity, and sharp temperature changes. Plywood should be stored indoors, under controlled air parameters. Air conditioning of storage rooms is essential to balance moisture content and stresses within plywood sheets.

› Transport

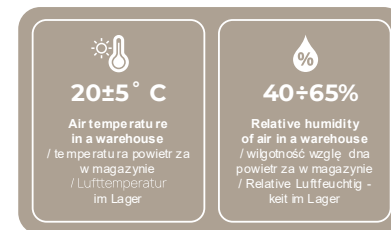
During transport, plywood must be properly secured. Loading and unloading must be done in a way that prevents damage to the sheets. Vehicles transporting plywood should protect the load from water, moisture, and adverse weather conditions. Plywood bundles must be placed horizontally – stacked transport is permitted. Bundles must be secured with straps to prevent shifting during transport. Except for intermodal transport (in containers), plywood is transported using standard truck trailers that allow side unloading. The maximum load is 24 t gross (including packaging). For intermodal transport, higher values may apply.

Product Technical Data Sheet Updated on: 06/08/2026.

› Pallet height



› Storage conditions



› Safety

All work must be carried out in accordance with occupational health and safety regulations.

› Supplementary documents

1. Technical Conditions
2. Plywood Storage Instructions
3. Safety Data Sheet

AVAILABLE ON REQUEST

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The above data, recommendations, and guidance are based on our best knowledge, research, and experience, and have been provided in good faith, in accordance with the standards followed by our company and our suppliers. The proposed methods of application are considered common practice; however, each user of this material should ensure by all possible means (including verification of the final product under appropriate conditions) the suitability of the supplied materials for achieving their intended purpose. Neither the company nor its authorised representatives can be held liable for any losses resulting from improper or incorrect use of its materials.