

Paged TwinPly

Hardwood plywood with a thick-ply pine core

Mixed hardwood-softwood plywood with a waterproof bond, manufactured from thick pinewood veneers with hardwood outer layers.

The use of this construction ensures a relatively low weight and increases mechanical strength, making it an ideal solution for non-structural construction (formwork), the broader packaging sector (e.g. transport crates), as well as other areas. Thanks to its high bonding quality (class 3), it can be used outdoors in high-humidity conditions.

Paged TwinPly is an easy-to-work material, enabling precise adaptation to individual design needs.



> Advantages:



Natural origin



Lighter construction



Ecological
manufacturing
process



Easy to machine



Saving



Declaration
of Performance



Znak odpowiedzialnej
gospodarki leśnej

> Standard formats* [mm]

1250 x 2500
1220 x 2440

*Non-standard sizes available on request.

> Industries and applications:



Construction



Transport



Wooden boxes



Packaging



Furniture
production



Versatile use

> Technical specifications:

Surface quality class [EN 635-2]	II, III, IV
Reaction to fire class** [EN 13501-1]	D-s2, d0
Declaration of Performance (DoP)	Structural plywood; CE2+

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

> Thickness, number of layers, standard deviations, density [EN 315, EN 323, EN 324]

Nominal thickness* (mm)	Number of wood layers (pcs)	Minimum deviation from nominal thickness (mm)	Maximum deviation from nominal thickness (mm)	Weight (kg/m2)	Average density** (kg/m3)
9	5	-0.7	+0.5	5.4	550–650
12	5	-0.8	+0.6	7.2	
15	7	-0.9	+0.7	9.0	
18	8	-0.9	+0.7	10.8	
21	9	-1.0	+0.8	12.6	
24	10	-1.1	+0.9	14.4	
27	11	-1.8	+1.4	16.2	
30	12	-1.9	+1.5	18.0	
35	14	-1.5	+1.1	21.0	
40	16	-1.6	+1.2	24.0	

* other thicknesses and custom constructions available on request

** average 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]
15	II 33.10 ± 40.80	II 7089 ± 9309
18	II 33.80 ± 33.60	II 6473 ± 9352
21	II 32.20 ± 31.60	II 8531 ± 9327
24	II 34.30 ± 29.40	II 7786 ± 7732

> 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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> Standard formats*** [mm]

1250 x 2500 1220 x 2440

***Non-standard sizes available on request.

> Formaldehyde emission class [EN 717-1]

E1

> Bonding quality class [EN 314-2]

CLASS 3

> Processing

- Edge machining
- CNC machining
- Hole drilling according to customer specifications
- Cut-to-size service

> 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

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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

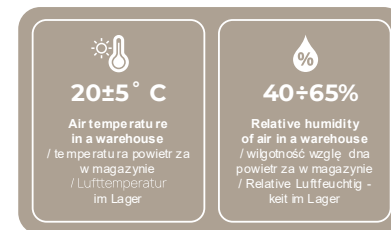
During transport, plywood must be properly secured. Loading and unloading must be done in a way that prevents damage to the sheets. Vehicles transporting plywood should protect the load from water, moisture, and adverse weather conditions. Plywood bundles must be placed horizontally – stacked transport 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: 17/07/2026

› 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

Paged

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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.