



Migration of elements in toy materials report

Paged StringPly

Thin and flexible hardwood plywood with a waterproof bond

Paged StringPly is a **thin birch plywood** with an attractive surface appearance. It is manufactured using high-quality veneers, which are nearly three times thinner than standard ones. This process results in a **product that provides low thickness and high flexibility**, while remaining dimensionally stable and durable. Paged StringPly is manufactured with a melamine glue line, which guarantees proper bond quality even in high-humidity conditions. These plywood panels are easy to machine and feature a light, uniform wood grain. **They are also suitable for laser cutting.** Paged StringPly offers a decorative finish that requires no additional treatment. However, it can be successfully painted, lacquered, stained, or veneered. Its primary applications include architectural models and mock-ups, interior design, transport equipment, lighting, toys, musical instruments, sports accessories, decorative packaging, souvenirs, and wooden giftware.



> Advantages:



Attractive appearance



High elasticity



Safe for children



Dimensional stability



Easy to machine



Innovation technology



Low volatile organic compound emissions



Laser cuttable

> Standard formats* [mm]

1250 x 1250
1270 x 1270
1525 x 1525
1550 x 1550

*Non-standard sizes available on request.

> Industries and applications:



Interior & decoration



Kitchen furniture



Furniture



Modeling



Equipment for caravans and campers



Interior finishing



Packaging



Special applications

> Technical specifications:

Quality class [EN 635-2]	I, II
Suitable for the production of toys and children's furniture	Complies with EN 71-3 requirements
Fire classification	F
Declaration of Performance (DoP)	Plywood for non-structural use; CE4

› 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/m ²)	Average density** (kg/m ³)
1	3	-0.1	+0.2	0.8	700–760
1.5	3	-0.2	+0.2	1.1	
2.0	4	-0.2	+0.2	1.5	
2.5	5	-0.2	+0.2	1.8	
3	6	-0.2	+0.2	2.2	

* other thicknesses and custom constructions available on request

** density at 8–12% moisture content

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

Length / width	Deviation
< 1000 mm	± 1 mm
1000–2000 mm	± 2 mm
> 2000 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 1250
1270 x 1270
1525 x 1525
1550 x 1550

***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
- 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

PAGED Plywood S.A.

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14-300 Morąg, Poland

Helpline:

+48 87 425 48 00

pagedplywood.com



› 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. Additionally, for the Paged StringPly product, we protect the top and bottom of the pallet with a special underlay. 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

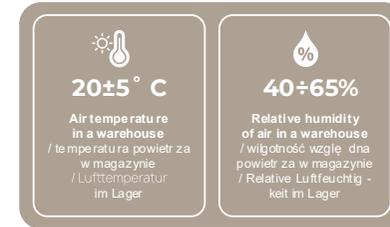
During transport, plywood must be properly secured. Loading and unloading must be done in a way that prevents damage to the sheets. Vehicles transporting plywood should protect the load from water, moisture, and adverse weather conditions. Plywood bundles must be placed horizontally – stacked transport 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: 13/02/2026

› 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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