

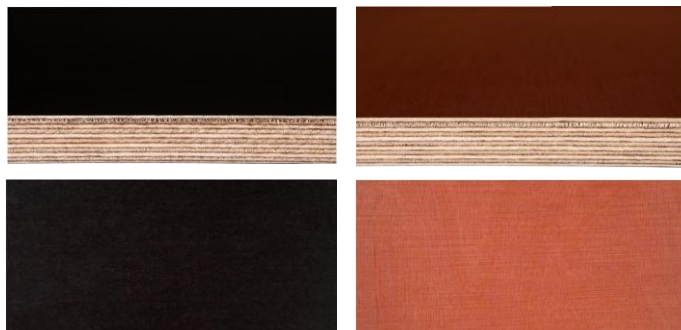
Paged Master Form

Hardwood plywood with phenolic film

High-quality, thin-veneer hardwood plywood with a waterproof bond, faced with phenolic film, specifically designed for demanding formwork, construction, and precast concrete applications, including the production of smaller elements such as paving stones or kerbs.

Paged Master Form is engineered for heavy-duty conditions, offering excellent resistance to bending, tension, and dynamic loads.

The internal layers of the plywood can be made of hardwood veneers (homogeneous) or in combination with softwood (combi), which increases its versatility and allows for customisation to meet specific requirements.



> Advantages:



Dimensional stability



High strength



Ecological manufacturing process



Wear resistant



Moisture resistance



Increased resistance to weather conditions



Increased chemical resistance



> Standard formats* [mm]

1250 x 2500 | 1250 x 3000
1500 x 2500 | 1500 x 3000
1500 x 3300

*Non-standard sizes available on request.

> Industries and applications:



Construction



Formwork systems



Formwork



Packaging



Trailers



Playgrounds



Special applications

> Technical specifications:

Reaction to fire class** [EN 13501-1]	D-s2, d0
Declaration of Performance (DoP)	Structural plywood; CE2+
Type of face	Phenolic film
Base weight:	120 g/m ² 167 g/m ² 220 g/m ²
Colour	Black, dark brown
Taber test [EN 438-2]	320 440 600
Number of cycles (uses)***	20–80

IMPORTANT! If the product is cut into smaller formats or otherwise modified, the edges must be re-sealed.

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

***the estimated number of uses of the formwork plywood is indicative only; the actual number of reuses depends on factors related to how the plywood is used and handled

› 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)
6.5***	5	-0.6	+0.4	4.5	640–760
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	21.0	
35	25	-1.5	+1.1	24.5	
40***	27	-1.6	+1.2	28.0	

* other thicknesses and custom constructions available on request ** density at 8–12% moisture content

***only for 1250x2500

› 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]
21	II 44.20 ± 30.70	II 9216 ± 6066
24	II 41.20 ± 45.40	II 9274 ± 9349
27	II 36.90 ± 37.10	II 9349 ± 7823
30	II 44.70 ± 45.00	II 10163 ± 8707

› 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 1250 x 3000 1500 x 2500 1500 x 3000 1500 x 3300

****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
4. Surface classification catalogue for film-faced plywood

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

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P L Y W O O D

PAGED Plywood S.A.

ul. Mazurska 1
14-300 Morąg, Poland

Helpline:

+48 87 425 48 00

pagedplywood.com



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 (except for the 1,500 × 3,000 mm format – approx. 46 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

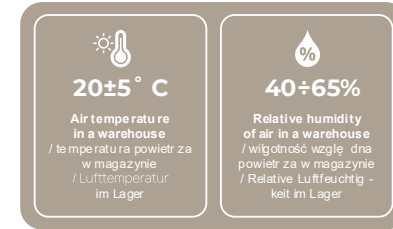
During transport, plywood must be properly secured. Loading and unloading must be done in a way that prevents damage to the sheets. Vehicles transporting plywood should protect the load from water, moisture, and adverse weather conditions. Plywood bundles must be placed horizontally – stacked transport 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: 05/05/2026.

› 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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PAGED Plywood S.A.
ul. Mazurska 1
14-300 Morąg, Poland

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+48 87 425 48 00

pagedplywood.com

