

Paged Softwood ThickPly FR

Thick-ply structural, fire-retardant softwood plywood

Fire-retardant thick-ply pine plywood meeting the highest fire reaction class for wood materials, B-s1, d0, and also available in class Bfl-s1.

Fire-retardant impregnation inhibits the spread of fire, without blocking gas flow, ensuring the plywood remains vapour-permeable.

Paged Softwood ThickPly FR is a ready-to-use product suitable for use as a structural panel for walls, ceilings, and floors. It is dimensionally stable, lightweight, and strong, which ensures comfortable handling.

Paged Softwood ThickPly FR guarantees safe sheathing for a variety of structures in interior applications. Also available in a tongue-and-groove option.



> Advantages:



Fire resistance



Lighter construction



Low volatile
organic compound
emissions



High strength



Ecological
manufacturing
process



Dimensional
stability

> 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



Boatbuilding



Car transports



Versatile use

> Technical specifications:

Quality class [EN 635-3]	II, III
Fire classification	B-s1, d0 Bfl-s1
Declaration of performance	Structural plywood; CE1
Type of fire retardancy	Fire retardant impregnating agent

IMPORTANT! Any modification of the product through independent mechanical processing, painting, veneering, etc., requires re-certification. Please refer to the instructions for handling fire-retardant plywood available at www.pagedplywood.com.

> 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	550-700
12	4	-0.8	+0.6	7.5	
15	5	-0.8	+0.7	9.4	
18	7	-1.0	+0.7	11.3	
21	8	-1.0	+0.8	13.1	
24	9	-1.1	+0.9	15.0	
27	10	-1.7	+1.4	16.9	
30	11	-1.9	+1.5	18.8	
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 ***only for Bfl-s1

> 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 28.00 ± 15.10	II 9821 ± 3128
15	II 28.00 ± 12.20	II 9220 ± 3567
18	II 25.20 ± 18.80	II 9063 ± 5805
21	II 26.80 ± 17.40	II 9685 ± 3582

> 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

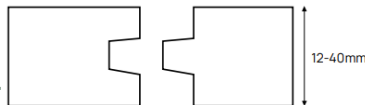
> Dimensional deviations of plywood [EN 315, EN 324]

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

****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

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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

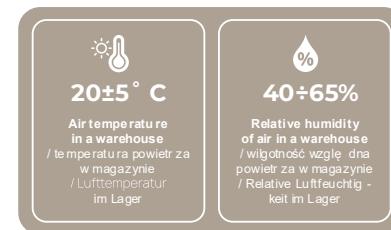
During transport, plywood must be properly secured. Loading and unloading must be done in a way that prevents damage to the sheets. Vehicles transporting plywood should protect the load from water, moisture, and adverse weather conditions. Plywood bundles must be placed horizontally – stacked transport 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: 31/12/2025

› Pallet height



› Storage conditions



› Safety

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

› Supplementary documents

1. Instructions for Handling FR Plywood
2. Technical Conditions
3. Plywood Storage Instructions
4. 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.