



Paged DryGuard FR

Softwood structural plywood with the highest fire reaction class for wood and additional water-repellent coating

Thick-ply pine plywood, surface-protected with a water-repellent agent that minimizes water permeability (EN 927-5), meeting the fire reaction class B-s1, d0. Also available in class B_{fl}-s1.

Surface treatment reduces moisture absorption and protects against mould growth (EN 927-3) for up to three months under outdoor conditions, and such exposure does not negatively affect the product's fire reaction class. The declared protection period applies to the product in its original format (with sealed edges). The coating does not affect vapour permeability.

Paged DryGuard FR is a ready-to-use product suitable for roof, wall, ceiling and floor applications as a water-resistant and fire-resistant structural panel. It is dimensionally stable, lightweight, and strong, which ensures comfortable handling. Also available with tongue-and-groove edges.

Paged DryGuard FR guarantees safe sheathing for various structures in both interior and exterior applications.



> Advantages:



Fire resistance



Increased resistance to weather conditions



Water resistance



Mold resistance



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



Ceiling sheathing



Versatile use



Special applications

> Technical specifications:

Quality class [EN 635-3]	III
Fire classification	B-s1, d0 B _{fl} -s1
Declaration of performance	Structural plywood; CE1
Type of face	Water-repellent and mould-protective impregnation
Type of fire retardancy	Fire retardant impregnating agent
Product colour	Red

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)
12	4	-0,8	+0,6	7.5	550-700
15	5	-0,9	+0,7	9.4	
18	7	-0,9	+0,7	11.3	
21	8	-1,0	+0,8	13.1	
24	9	-1,1	+0,9	15.0	
27	10	-1,8	+1,4	16.9	
30	11	-1,9	+1,5	18.8	

* 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 24.60 ± 16.60	II 10121 ± 2300
15	II 28.00 ± 12.20	II 9220 ± 3567
18	II 25.20 ± 12.80	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

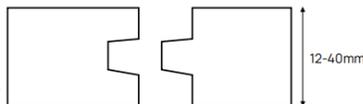
› Dimensional deviations of plywood [EN 315, EN 324]

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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Helpline:

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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. 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: 09/03/2026

› Pallet height



Our standard pack height does not exceed 0.7 m.
/ Standardowa wysokość paczki nie przekracza 70 cm.
/ Die Standardhöhe der Packung überschreitet nicht 70 cm.

› Storage conditions



20±5 °C

Air temperature
in a warehouse
/ temperatura powietrza
w magazynie
/ Lufttemperatur
im Lager



40÷65%

Relative humidity
of air in a warehouse
/ wilgotność wzgl. dla
powietrza w magazynie
/ Relative Luftfeuch-
tigkeit im Lager

› 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

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