

# Paged Group.

Presentation

Wood. Creatively.



#### **Our History**

includes more than 140 years of innovation in woodworking

pagedplywood.com



Establishment of the
Polska Agencja Drzewna
(Polish Wood Agency / PAGED from
1932) to run commercial activity for
wooden Polish products

Acquisition of the plywood production plant in Morag by Paged

1931

1996



1916

Commencement of production of plywood at the Pisz plant

1955

Commencement of plywood production at the Morag plant



2000



Establishment of Paged Materialy Drzewne SA, now Paged Trade

Mzyk family starts its investment in Paged

#### **Our History**

includes more than 140 years of innovation in woodworking

pagedplywood.com

2016

New production line in Morag



2019

**Establishment** of Paged LabTech



2024

Launch of DryGuard FR, the only plywood in the world resistant to both fire and water



2010

Acquisition of the Pisz factory by Paged



2018

Acquisition of the Valmos company in Estonia (now Paged Eesti) by Paged



2023

Opening of newly built equipped headquarter of Paged LabTech **R&D** Center



2025



Launch of RockPly® revolutionary composite plywood with natural fibers – twice as strong as regular birch plywood



#### **About Us**

# 100 years

of experience in plywood production

# Sustainable production

wood from certified sources





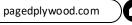


The widest plywood range in Europe

construction, interiors, structures, furniture, transport, flooring, doors, windows, packaging, toys, models, instruments, and more...

### Paged LabTech

one of the world's most advanced R&D centre for innovative materials



## Mission, vision and values

#### Mission

Paged

For over a century, we have been reinventing wood, inspired by the uniqueness of nature and technology.

#### Vision

We are building value by providing customers with sustainable wooden products and advanced solutions to support sustainability.

#### **Values**

- **Passion** we are full of Energy and commitment
- **Openness and diligence** we seek solutions, we implement change
- **Effectiveness** we act with determination, consistently pursuing our goals
- **Attention** we are present, we listen, we talk, we pay respect
- Cooperation we work as a team



# **Paged Group**

#### Paged Group consists of:



#### **Paged Plywood**

The largest Polish and fifthlargest plywood company in Europe

Paged



#### **Paged Trade**

Distributor of wood-based panels in Poland

#### Paged LabTech

One of the most advanced R&D Centers in the world



#### **Part of Thumos Capital**

a private international industrial and investment consortium





#### **Paged in Numbers**



40 countries

Active in over 40 countries



5 plants

Production sites in Morąg (WS1 &WS2), Pisz, Bartoszyce, in Poland and Pärnu in Estonia.



65% export

Export accounts for 65% of total sales



1700 employees

Employees with unique expertise and experience



220 000 m<sup>3</sup>

of name plate plywood capacity



### **Paged Plywood Sales by Country**

#### European markets

Austria
Belgium
Bulgaria
Croatia
Czech Republic
Denmark
Estonia
Finland

France

Greece

Spain
Netherlands
Ireland
Lithuania
Luxembourg
Latvia
Germany
Norway
Portugal

Romania

Serbia
Slovakia
Slovenia
Switzerland
Sweden
Ukraine
Hungary
United Kingdom
Italy
Poland







### **Paged Plywood Sales by Country**

#### Other markets

Benin
China
Egypt
Indonesia
Japan
Canada
Morocco
Mexico
Singapore

**United States** 

Thailand Turkey







### Paged

# Paged Plywood in Europe

Paged is among the TOP 5 largest plywood suppliers in Europe!



459,000 m<sup>3</sup>

(plywood sales - data from 10.2023 to 09.2024, quarterly report)



401,000 m<sup>3</sup>

(plywood sales - data from 10.2023 to 09.2024, quarterly report)

#### garnica

330,000 m<sup>3</sup>

(production capacity in 2019, press article:

https://www.wbpionline.com/analysis/garnica-builds-seventh-factory-7794620/?cf-view

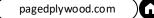
#### Latvijas 😚

297,000 m<sup>3</sup>

(plywood sales – full-year 2023, annual report)

#### Paged

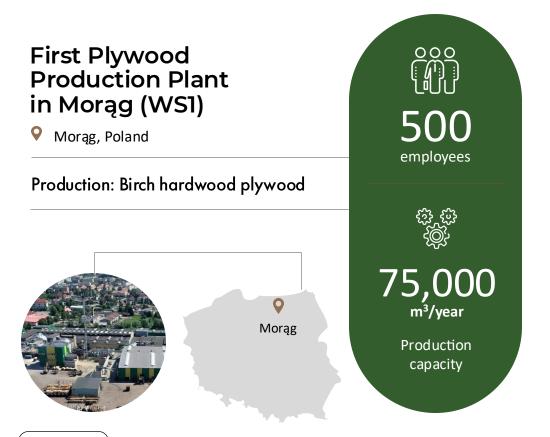
220,000 m<sup>3</sup> (production capacity)

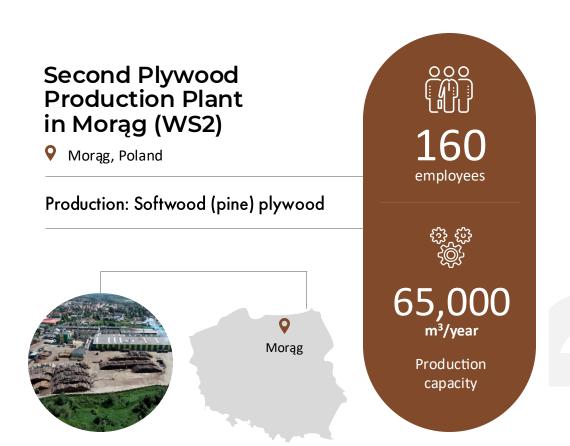


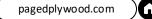


### Paged Group's Production Capabilities

Factories with Photos and Descriptions



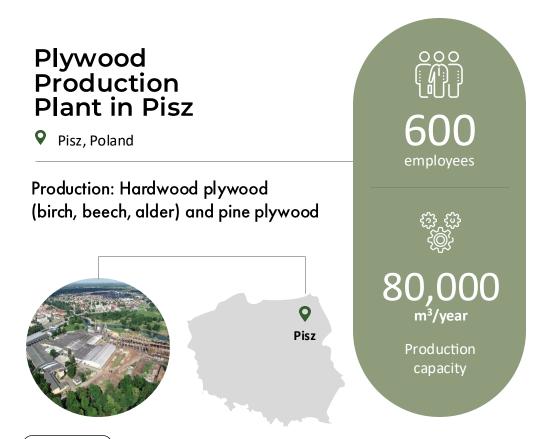


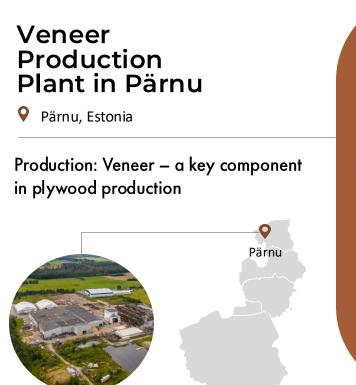




### Paged Group's Production Capabilities

Factories with Photos and Descriptions







# Paged Group's Production Capabilities

Factories with Photos and Descriptions



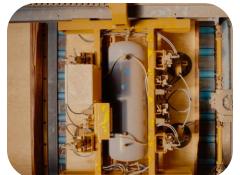
Bartoszyce, Poland

Production: Blockboard finished at the WS1 plant in Morag









Morag, Poland









## Paged LabTech

Innovating Wood-Based Materials

## Founded in 2019

Paged LabTech is a multi-million R&D hub for wood-based innovations.



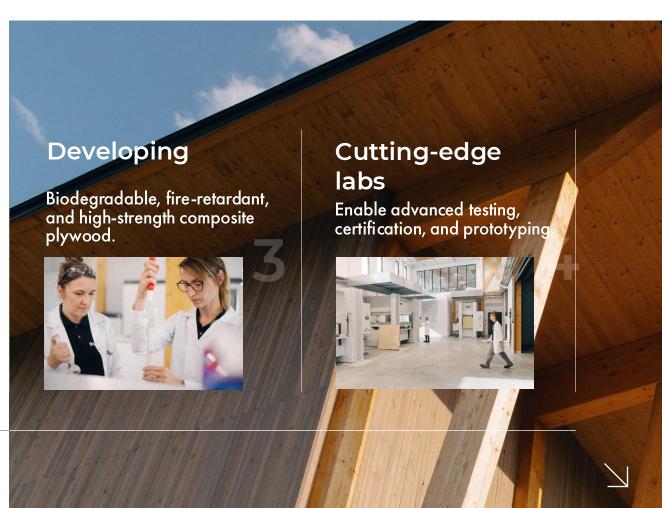
## New wood-built premises

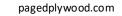
Opened in June 2023.



#### Sustainability-driven

Focusing on eco-friendly materials and CO<sub>2</sub> reduction.







# Paged LabTech

Innovation & Research Excellence



Research & Development

Next-gen plywood biodegradable, fire-retardant, lightweight solutions

Expanding product portfolio for diverse industries

Collaboration with top universities & research institutes



Advanced Testing & Certification

Mechanical strength & bonding quality tests

VOC & formaldehyde emission analysis

Fire resistance & durability testing



Innovation-Driven
Products



Paged GreenPly bio-based bonding plywood



Paged DryGuard FR fire & moisture-resistant plywood for exterior use



Paged StringPly
ultra-thin (1mm), flexible
yet strong plywood



Paged RockPly® rock fiber-reinforced plywood, 2× stronger than birch plywood



# Paged LabTech

Innovation & Research Excellence

Paged LabTech is setting new standards in plywood innovation, sustainability, and performance.



Semi-Technical Hall

Small-batch trials & rapid implementation of innovations



#### Sustainability Commitment

Eco-friendly raw materials & low-emission adhesives

CO<sub>2</sub> reduction & circular economy practices











# Paged & Sustainability

Innovating Wood-Based Materials



#### **Plywood**

A Renewable Material with a Negative Carbon Footprint

Paged is committed to reducing its environmental impact by enhancing energy efficiency, lowering greenhouse gas emissions, and implementing circular economy solutions.



### Sustainable Product Innovations

#### Paged GreenPly

 Bio-based bonding plywood from sustainably sourced Baltic birch and PZH-certified for unpacked food contact as well as NAF certification by CARB.



2× stronger than birch plywood, reducing CO<sub>2</sub> emissions & fuel consumption.



### Paaed

# Green Energy & Operational Sustainability

Innovating Wood-Based Materials



**Renewable Energy Investments** 

Biomass for steam production, supporting sustainability goals

Photovoltaic farms in Morąg & Pisz to generate 10% of energy needs by 2026

30-40% of Paged Morag's energy from renewables by 2030

Paged is committed to real sustainability actions, backed by investments & innovation in the plywood industry.



**Carbon Footprint** & Circular Economy

Regular carbon footprint assessments (Scope 1 & 2), expanding to Scope 3

Min.: 55% CO<sub>2</sub> reduction target by 2030 vs. 2022

Optimized resource efficiency – lower water, energy, and material use



### We cater to the needs of many industries



Passenger and freight transport

Floors

Walls

Enclosures and furnishings



#### Interior

Refrigerated cabinets

Cabinets

Storage solutions

Fittings

Furniture

Fit-out

Wall panels

Displays



Construction

Formwork

Prefabrication

Scaffolding platforms

Technical floors

Modular homes

Mobile homes

Playgrounds

Climbing walls

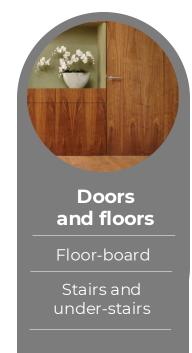
Wall coverings

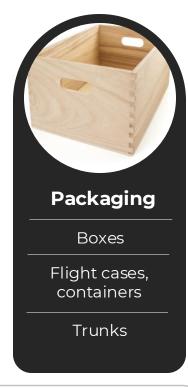
Sports equipment

Non-structural solutions

Structural solutions

Boatbuilding
Partitions
Structural components
Constructed





#### Other applications

- manufacture of piano and grand piano cases, loudspeaker boxes,
- in modeling, art, design, furniture, mockups,
- · for the production of a wide range of wood products,
- for the production of advertising and information boards

# Paged Plywood

Company at the fair



Cologne, Germany



#### NAFCD+NBMDA **Annual Convention**

**Q** Colorado Springs, **United States** 



2022



Warsaw, Poland

OREMA

Poznań, Poland







2023



Poznań, Poland





Munich, Germany



2025

## Paged Plywood

Company at the fair



Leipzig, Germany





♥ Cologne, Germany





Atlanta, USA





Stoneleigh, UK



2024

FORUM HOLZBAU

Warsaw, Polaka



2025



Poznań, Poland



NAFCD + NBMDA Annual Convention

New Orlean, USA





• Munich, Germany





# Paged

# Paged Plywood Solutions for construction & interior design.

Full and Innovative Plywood Range from Paged for Builders and Interior Designers.



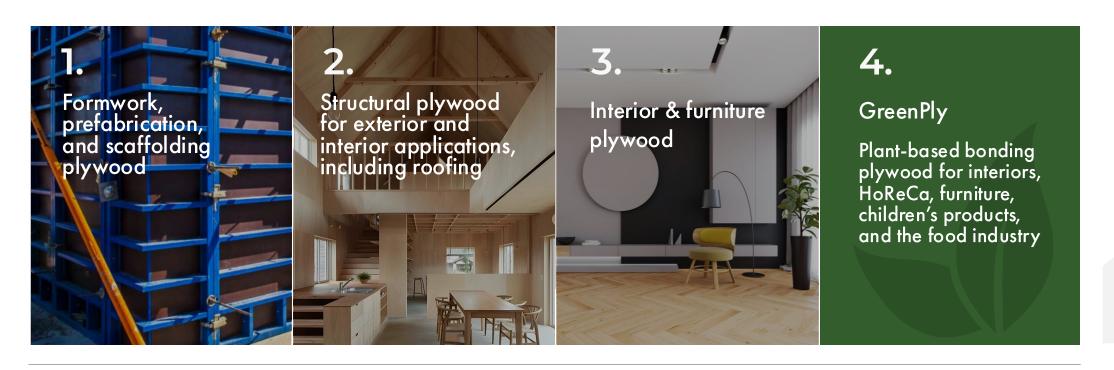






# Plywood for Construction

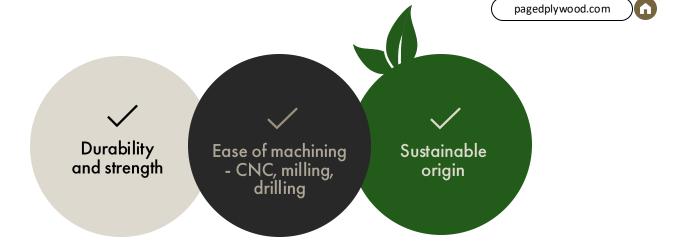
Strength & Reusability





# Formwork Plywood

Strength & Reusability



#### PAGED MASTER FORM

Waterproof and durable plywood for formwork and concreto prefabrication



#### PAGED Twin Form

Rigid, water-resistant plywood, ideal for vertical and horizontal formwork



#### PAGED Form

Impregnated kraft-coated plywood ensuring a smooth concrete surface



#### PAGED Ultra form

UV and chemical-resistant, long-lasting plywood for demanding applications





# Interior Plywood

DesignPly & More...





#### **PAGED**

DesignPly

Decorative plywood coated with HPL laminate

Moisture, impact, and scratch-resistant

Available in a wide range of colours and finishes (wood, anthracite, white, etc.)

Available in fire-retardant FR version (B-s 1, d0)

#### **PAGED**

BirchPly, BeechPly, SidePly, Colour

Plywood for interiors and transport

Dimensional stability

UV and moisture resistance

Ideal for walls, furniture, vehicles, yachts

2

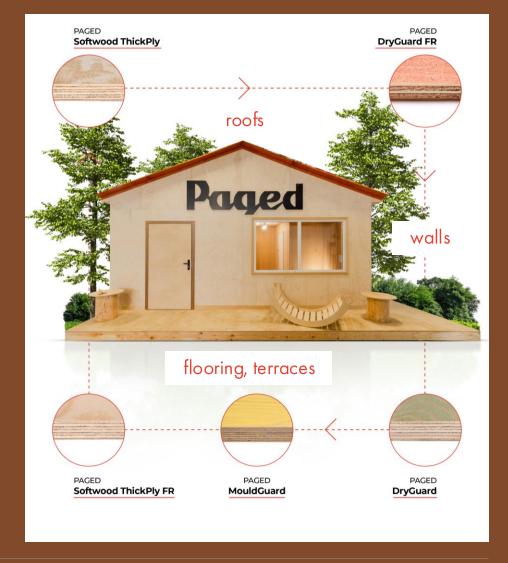


# Structural Plywood

Strength & Safety







### Paged

# Structural Plywood

Strength & Safety

# PAGED DryGuard & DryGuard FR



Unique water and fire-resistant plywood

Hydrophobic coating (PN-EN 927-5)

Fire resistance class B-s1, d0 (EN 13501-1)

Ideal for schools, hotels, shopping centres, and modular homes

For exterior applications





Resistant to mould, fungi, and insects

Resistance to moisture, mould, and insects

Ready to use – no additional impregnation required

Dimensional stability in humid conditions

For interior applications



Lightweight yet strong plywood for walls, roofs, and floors

Protection against moisture and mould

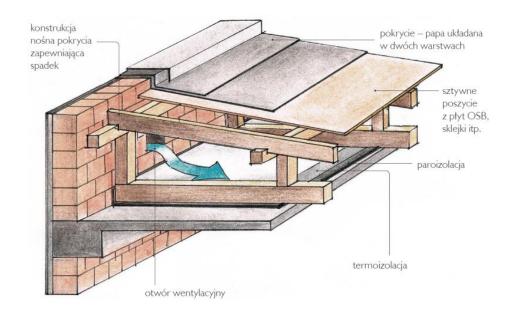
Meets strict building standards

Easy processing and installation





# Paged DryGuard FR for Roofing



BENEFITS	FULL ROOF COVERAGE WITH DRYGUARD FR
PROJECT COMPLETION TIME (Ease Of Installation)	<b>✓</b>
STRENGTHENS ROOF STRUCTURE	✓ ·
PREVENTS HEAT LOSS	✓ ·
PROTECTS AGAINST HIGH TEMPERATURES	~
SUPPORTS LOAD-BEARING CAPACITY	✓ ·
PROJECT COMPLETION TIME	<b>✓</b>
VAPOUR PERMEABILITY	<b>✓</b>
MOULD PROTECTION	PN-EN 927-3
SOUND INSULATION	~
HIGHEST FIRE REACTION CLASS	(B-s1, d0)
PROTECTION AGAINST MARTENS	~
MOISTURE RESISTANCE	PN-EN 927-5
TONGUE-AND-GROOVE CONSTRUCTION	✓
INCREASED BENDING RESISTANCE	~
CRUCIAL IN WIND-PRONE AREAS	✓ ·
UV RESISTANCE	PN-EN 927-6
SUITABLE FOR CORRUGATED STRUCTURES	✓



## Paged GreenPly

A Sustainable Innovation

Ideal for interiors and furniture.

Formaldehyde-free bonding

Biodegradable plywood with plant-based adhesive.

A sustainable choice for modern architecture, interiors, furniture, toys, and the food industry

GreenPly is certified with CARB NAF
Certification (No added formaldehyde) and with the PZH
Health Quality
Certificate and approved for direct contact with unpackaged food.





High durability, aesthetics and dimensional stability.



#### **Unique Global Innovations**

Paged RockPly®
 Twice as strong
 as regular birch
 plywood

Paged DryGuard FR
 Water and fire-resistant plywood

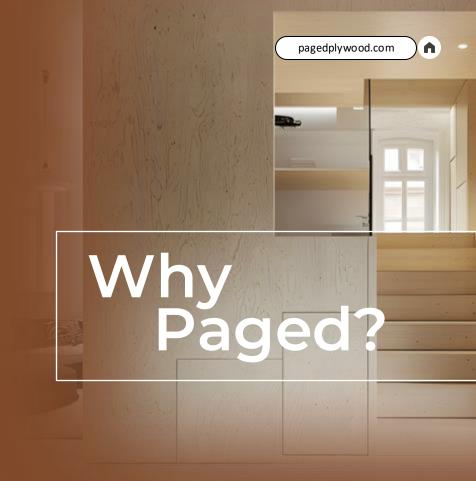
Paged GreenPly
 Plant-based
 bonding plywood

#### A comprehensive offer for all market segments:

- For construction companies
   For architects & engineers
- For interior designers For furniture manufacturers

#### Sustainable plywood production benefits:

- The most eco-friendly construction material
- Wood sourced from responsibly managed forests
- Paged GreenPly plant-based bonding plywood certified for direct contact with unpacked food
- Plywood reduces CO<sub>2</sub> emissions and is a low-emission material



# Paged

### Paged Plywood. Solutions for transportation.











# Paged Plywood Solutions for Transportation



Paged offers a comprehensive range of plywood solutions tailored for the transportation industry, ensuring durability, safety, sustainability, and premium aesthetics. Our products are designed for:

## Trailers & Trucks

Heavy-duty, anti-slip plywood flooring solutions



#### Vans & Light Commercial Vehicles

Llightweight, durable plywood for floors & linings



#### Buses, Trams & Railways

Fire-retardant, soundproofing plywood for safer, quieter rides



## Campers & Motorhomes

Stylish & functional plywood for modern interiors



#### Marine Applications

Moisture-resistant plywood for boats, yachts & ship interiors



#### Shipping & Cargo Containers

Highly durable plywood for extreme conditions





## **Trailer & Truck Flooring**



Revolutionary plywood reinforced with natural rock fibers

- ✓ Twice the strength of standard birch plywood
- ✓ Reduces trailer & vessel weight, cutting fuel consumption & CO<sub>2</sub> emissions
- ✓ Lightweight yet highly durable, extending lifespan & reducing maintenance costs



Fuel & CO<sub>2</sub> Savings

- ✓ Up to 75 kg CO₂ reduction per trailer annually
- ✓ For 100 trailers, CO<sub>2</sub> savings = annual absorption of 200-300 trees
- ✓ 7.7 tons less CO<sub>2</sub> emissions through fuel savings per truck; 5000 euro per truck less on fuel spending



The first choice solution

## Paged RockPly®

**Next-Gen Innovation** 



#### Paged P L Y W O O D

# Trailer & Truck Flooring



**PAGED Trans** 



ultimate wear-resistant and anti-slip plywood (R11 or R13),

Ideal for trailer flooring.

**PAGED** Mesh

durable phenolic anti-slip surface,

Widely used in heavy transport.

**PAGED** Hexa



Hexagonal anti-slip pattern

For scaffolding, trailer floors, and industrial platforms.

**PAGED** TwinMesh



Lightweight yet strong combination of birch and pine plywood



### Light Vehicle Flooring, Sides & Furniture



PAGED Mesh



Durable phenolic anti-slip surface

Widely used in heavy transport.

PAGED Hexa



Hexagonal anti-slip pattern

For scaffolding, trailer floors, and industrial platforms.

PAGED Colour



Pre-colored decorative plywood

Available in multiple shades, perfect for interior design, furniture, and premium transport applications.

## Paged

# Buses, Trams & Railways





Composite plywood with noise and vibration insulation

Perfect for public transport.

PAGED
BirchPly FR &
Paged BeechPly
FR



Fire-retardant plywood

Compliant with strict EN 45545-2, R1, R7 and R10 as well as Bfl-s1, HL3 safety standards. PAGED Blockboard and Blockboard Nature



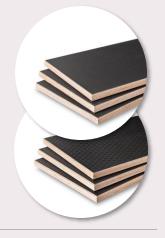




# Marine & Shipping Solutions



PAGED
Paged Trans
& Paged Hexa



Moisture-resistant, anti-slip plywood

Ferries, cargo ships & offshore platforms.

PAGED RockPly®



High-strength plywood

Reducing vessel weight & fuel consumption.

PAGED DesignPly



Decorative, waterproof plywood

Perfect for luxury yacht interiors & marine furniture.





# Why Paged?



#### Superior anti-slip properties

increasing safety for both passengers and cargo



# **High mechanical strength & wear resistance** – ensuring longevity in demanding application



### Sustainability at the core - responsibly sourced materials with a low carbon footprint



Advanced moisture, chemical, and weather resistance

perfect for marine & industrial applications



Innovative design solutions
- decorative plywood for luxury

- decorative plywood for luxury interiors, campers & ship cabins

Paged plywood combines functionality, durability, and aesthetics, making it the ideal choice for modern transport solutions, from highways to open seas!

# Paged's Specialized Plywood Range.









#### The Largest Range of Specialized Plywood in Europe



#### Engineered for Excellence

Paged offers a diverse portfolio of high-performance plywood solutions, including Paged RockPly®, tailored to meet the needs of industries requiring strength, safety, precision, and durability.



#### Commitment to Innovation

Our R&D investments drive advanced plywood solutions for construction, transport, interior design, packaging, and industrial applications, including Paged DryGuard FR – the world's first fire- and moisture-resistant plywood for exterior use.



### Eco-Friendly & High-Performance

Paged GreenPly, our sustainable plywood, ensures minimal emissions and superior strength, making it ideal for construction and furniture applications.

# Fire-Retardant Plywood (FR)

Maximum Safety & Performance



#### PAGED Softwood ThinPly FR

Fire-retardant softwood plywood

Ideal for housing, construction & prefabricated public buildings (B-s 1, d0 classification).

#### **PAGED** BirchPly FR



Offering exceptional fire resistance for railway, bus, and construction (B-s1, d0 & Bfl-s1).

#### **PAGED** BeechPly FR



Ideal for rolling stock industry & construction (HL3 classification).





PLYWOOD

## Fire-Retardant Plywood (FR)

Maximum Safety & Performance



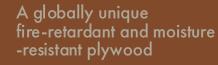
PAGED Phon FR



Soundproof fire-retardant plywood

Used for floors & structural elements in transport & construction (HL3 classification).

### PAGED DryGuard FR



Designed for exterior applications, providing unmatched durability in extreme conditions.



Decorative, fireretardant plywood with an HPL surface



Perfect for interiors requiring fire safety compliance (B-s 1, d0)).



# Advanced Solutions for Transport & Industry

Maximum Safety & Performance





For buses, trams, metros, and ships.



High-density insulation plywood used in power transformers.



Perfect for van fittings, furniture, instruments & decorative packaging.



High-precision plywood

designed for die-cutting applications, packaging, and decorative design.



# Weather-Resistant & Protective Plywood

Maximum Safety & Performance



#### PAGED DryGuard

Water-repellent, thick Baltic Pine plywood



Resistant to fungal growth, perfect for construction, housing, and mobile homes.

#### PAGED MouldGuard

Weather-resistant plywood, protected against mold, fungi, and insects



# PAGED DryGuard FR

A globally unique fire-retardant and moisture-resistant plywood



Designed for exterior applications, providing unmatched durability in extreme conditions.

# Aesthetic & High-Performance Interior Plywood



#### PAGED DesignPly

Plywood with an HPL (High-Pressure Laminate) surface

Offering exceptional durability, scratch resistance, and modern aesthetics, perfect for:

- Luxury transport interiors (yachts, motorhomes, VIP buses)
- ✓ High-end architectural applications
- Furniture and decorative elements

#### PAGED DesignPly FR

Fire-retardant HPL-faced plywood

For safe and elegant interiors in commercial and transport sectors.

#### PAGED Colour

Pre-colored decorative plywood



Available in multiple shades, perfect for interior design, furniture, and premium transport applications.



#### Aesthetic & High-Performance Interior Plywood





Ideal for interior applications requiring natural wood aesthetics.



#### PAGED Nature

Authentic wood-veneer plywood

Enhancing natural beauty and sustainability in interior design, furniture, and architectural applications.



## PAGED DesignPly

Decorative, waterproof plywood



Perfect for luxury interiors & furniture.



# Why Choose Paged Specialized Plywood?



Fire-retardant, noise-insulating, and water-resistant solutions for demanding applications



High mechanical strength & durability – engineered for construction, transport, and industry



Sustainability-focused innovations – minimizing CO<sub>2</sub> emissions & formaldehyde levels



Versatile applications
– from public transport
& construction to packaging
& industrial use

Paged continues to **set new industry benchmarks**, offering plywood solutions that combine **performance**, **safety**, and **environmental responsibility**.





Contact Us!

pagedplywood.com

Thank You.