

# Paged

**WORLD'S  
ONLY PLYWOOD  
OF ITS KIND!**

## **PAGED DRYGUARD FR**

Safety without compromise.



### **Paged DryGuard FR**

is the world's only plywood that combines advanced water and fire protection. Only Paged, as a pioneer of innovation, has developed and uses this groundbreaking technology that is changing standards in the industry. Safe, environmentally friendly and durable - tailored for even the most demanding projects.

**ADVANCED  
PROTECTION  
TECHNOLOGY**

# Features and benefits



## Unique simultaneous protection against water and fire

The hydrophobic coating minimizes moisture absorption (EN 927-5), and the highest class of reaction to fire for wood – B-s1, d0 (EN 13501-1), ensures safety in demanding environments.



## Paged's own technology

A product developed through research and know-how resulting from a century of experience in plywood production and investment in R&D.



## Protection against mould

Effective protection against fungal growth (EN 927-3).



## Sustainable sources of wood

Plywood manufactured from certified wood according to FSC, PEFC and FSC CoC purchased from forests from the Baltic Sea area.

# Applications



## Public utility construction

Schools, hotels, shopping centers, hospitals, airports, government offices, subway and train stations.



## Housing construction

Residential houses and outbuildings, modular houses, mobile homes, summer houses.



## Commercial construction

Warehouses, data centers, production halls.



## Structural panels

Wall and ceiling (CE1).





## Benefits to the user



### Safety

Plywood has the highest possible class of reaction to fire for wood in construction B-s1 B-s1, d0, and thanks to protection against moisture and mould, it creates better conditions for health.



### Additional protection from rain

During construction with DryGuard FR, additional rain protection is not required, reducing projects' lead times and costs (up to 12 months).



### Dimensional stability

Resistance to external factors like liquids, moisture and mould.



### Easy processing and installation

Customizable rims, shapes and sizes.



### Ease of design

Paged DryGuard FR has undergone specialized testing of the strength and stiffness of roof and floor sheathing at the Lukasiewicz Research Network - Institute of Wood Technology, confirming its suitability for structural applications.

## Vapor permeability

Plywood is characterized by low diffusion resistance, allowing water vapor to pass through.

### Standard uncoated plywood.



Permeable to air and liquids.

### Standard coated plywood.



Does not allow air or liquids to pass through.

### Paged DryGuard FR



Permeable to air but not permeable to liquids.

## Certificates

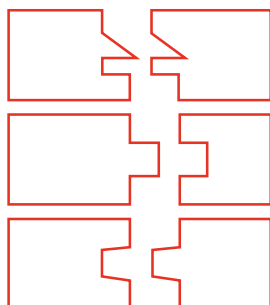
- Reaction to fire class: **B-s1, d0 (EN 13501-1)**
- Water resistance: **EN 927-5**
- Mould resistance: **EN 927-3**
- Resistance to UV rays: **EN 927-6**
- Formaldehyde emission: **Class E1 (EN 717-1)**
- Bonding class: **Class 3 (EN 314-2)**

## Sizes

- Standard: 2500 x 1250 mm, 2440 x 1220 mm.
- Custom sizes available upon request.
- Thickness: from 12 mm to 30 mm with the possibility of ordering others upon request

### NOTE: Expanded offer includes machining options for easier installation

Paged offers extensive processing options for DryGuard FR plywood for easy installation and a solid, durable finish.



Tongue-and-groove (T&G) jointing

#### Tongue-and-groove (T&G) jointing:

Allows panels to be laid into a uniform, flat surface, which is particularly useful for installing floors, roofs and in the transportation. The use of T&G joints eliminates the undesirable “keyboarding” effect, which increases structural stability.

#### Cutting into smaller formats:

Plywood can be cut on formatting machines, allowing it to be precisely tailored to individual project needs.

#### Machining on CNC centers:

Provides the ability for accurate edge machining, hole drilling and milling, which further facilitates assembly and integration into more complex structures.



# Paged

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