

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

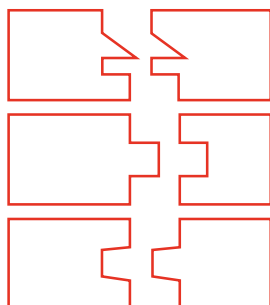
- Reaction to fire class: **B-s1, d0 (EN 13501-1)**
- Water resistance: **EN 927-5**
- Mould resistance: **EN 927-3**
- Resistance to UV rays: **EN 927-6**
- Formaldehyde emission: **Class E1 (EN 717-1)**
- Bonding class: **Class 3 (EN 314-2)**

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.



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