



Structural Water Repellent

We Create Pleasant Living Enviroments



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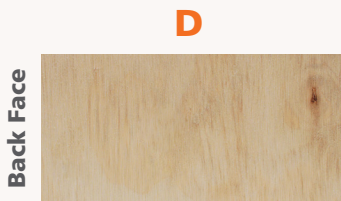
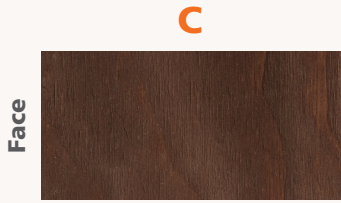
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STRUCTURAL PLYWOOD HR

General Features



Characteristics



- Material 100% radiata pine.
- Material for structural construction solutions.
- Manufactured with Bioadhesive / WBP (Water Boiled Proof).
- Board with **Water-Repellent** treatment on face and edges.
- Finished with grade C and D for face and back, respectively.
- Oak color finish.

Installation



- Easy and fast, according to the general construction manual (OGUC).
- When sizing, it requires sealing on edges.
- Seal required on joints and fastenings.

Advantages



- Surface and edge water repellency.
- Excellent performance in humid and rainy climates.
- Lower carbon footprint (< kg [CO₂/t] Emission).
- Lower energy consumption in manufacturing.
- **Sustainable.** We capture 0.7 t CO₂ / m³ of boards produced.
- Dimensional stability.
- Efficiency in the construction process.
- Outdoor storage.

Principal Applications



- Temporary constructions.
- Weather-exposed constructions.
- Roof and floor coverings.
- Structural and non-structural walls.
- Perimeter closings.



Flexion
> 40 [N/mm²]



Traction
> 0.8 [N/mm²]



Humidity
8 - 12 %



Density
450 -550 [kg/m³]



Uses & Applications
Interior and Exterior
Coating

General Properties

Normative

Sustainability	Lower carbon footprint	ISO 14067
Adhesive	Bioadhesive / WBP (Water Boiled Proof)	PS1, EN314
Formaldehyde Emission	<0,020 [ppm]	ASTM E1333 - 14
Gluing Quality	Class 3 - External Environment	PS1, CE2+
Grade	Face C / Back Face D	PS1, CE2+
Weathering	UV Resistance	ASTM G154
	Moisture Resistance	ASTM G154
	Antifungal Resistance	ASTM D-5590-0
Hidrorepelencia (H ₂ O)	<0,01 [mL/min]	Karsten Tube Test

Technical Specifications

Nominal Thickness [mm]	9	12	15	18
Sheets, N°	5	5	7	7
Dimensions: Length [m] x Width [m]	2,44 x 1,22			
Tol. Length [m] Tol. Width [m]	0,02			
Tol. Squareness [mm]	± 0,4 PS1/ ± 0,8 CE2+			
Tol. Thickness [mm]	0,4			
Pieces per package	108	80	65	54
Weight per Unit [kg]	13,42	17,87	22,30	26,85
Weight per Package [kg]	1446 ± 5%	1428± 5%	1451 ± 5%	1446 ± 5%