



# Structural Fire retardant

We Create Pleasant Living Enviroments



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[www.eagon.cl](http://www.eagon.cl)



+56 (45) 265 6800



[ventas@eagon.cl](mailto:ventas@eagon.cl)

# STRUCTURAL PLYWOOD FR

AC



BC



CpC



CD



## General Features

### Characteristics



- Material 100% radiata pine.
- Material for structural construction solutions.
- Different grades for all types of projects.
- Board with fire **Retardant Treatment**.
- Appearance characteristics according to grade.

### Installation



- Easy and fast.
- According to the general construction manual (OGUC).

### Advantages



- Lower carbon footprint (< kg [CO<sub>2</sub>/t] Emission).
- Lower energy consumption in manufacturing.
- **Sustainable**. We capture 0.7 t CO<sub>2</sub> / m<sup>3</sup> of boards produced.
- Dimensional stability.
- Minimal reaction to fire and flame propagation.
- Excellent finish for interior cladding.
- Suitable for painting & varnishing.

### Principal Applications



- Roof and floor covering.
- Structural and non-structural walls.
- Perimeter closings.



Flexion  
> 40 [N/mm<sup>2</sup>]



Traction  
> 0.8 [N/mm<sup>2</sup>]



Humidity  
8 - 12 %



Density  
450 -550 [kg/m<sup>3</sup>]



Uses & Applications  
Structural Interior  
& Exterior

## 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	AC / BC / CpC / CD	PS1, CE2+
Fire Retardant	FSI : 50	ASTM E84
	SDI 75	ASTM E84
	Class Equivalent	EUROCLASS

## Technical Specifications

Nominal Thickness [mm]	18
Sheets, N°	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	54
Weight per Unit [kg]	26,77
Weight per Package [kg]	1446 ± 5%

\* Consult certifications for specific uses