



15 mm Pinus Radiata
Average density 500 Kg/m³

Thickness (mm)	Ply	MOE. II (N/mm ²).	MOR. II (N/mm ²).	MOE. ⊥ (N/mm ²).	MOR. ⊥ (N/mm ²).	Weight kg / pcs	Weight kg / unit	Pcs unit
15	7	9977	54.29	3948	41.36	22.3	1,451	65

AC - BC - CpC Degree

Uses and Applications:

Board excellent appearance, ideal for coating applications either varnished or painted finishes.

Characteristics:

- * Easy to handle and quick to install.
- * Applied directly on the wooden frame.
- * Suitable for dyeing, painting or varnishing.
- * High dimensional stability and high resistance.
- * Humidity between 8-12 %.
- * Area coverage = 2.947 m².
- * Bonded with urea-formaldehyde adhesive (interior), y phenol-formaldehyde (exterior), which ensures high durability.

Recommendations:

- * To install can be used nails, staples, screws, rivets and adhesives.

Structural (EN-13896)		
Property	15mm AC - BC - CpC GRADE	
	Mor Parallel	Mor Perpendicular
Bending strength (EN-310)	54,29 (N/mm²)	41,36 (M/mm²)
Modulus of elasticity	9977 (M/mm²)	3948 (M/mm²)
Bonding quality (EN-314 1/2)	Bondin Class 2	
Moisture resistance	Durable under humid conditions	
Emision of formaldehyde	Phenol Formaldehyde adhesives: E1	
Reactin of fire	Taken from EN-13986 Table 8: D-s2	
Water Vapour Permeability	Taken from EN-13986 Table 9: 500 kg/m³	
Airborne sound insulition	Calculated in acc To EN-13986 part 5,10 Usin the formula: $R=13 \times \lg \times 10,2 + 14$	
Sound absorption	Taken from EN-13986 Table 10: 250 - 500 HZ = 0,10 1000 - 2000 HZ = 0,3	
Thermal conductivity	Taken from EN-13986 Table 11 for 500 k/m³ = 0,1 W/(m*k)	
Mechanical durability (K_{mod} AND K_{def})	K_{mod} and k_{def} may be taken from EN-1995-1-1	
Biological durability	Taken from 335-3: Hazard Class 2	