

Lightness

- Density: 450 Kg/m³
- Weight per unit: 900 Kg

Defect free clear fiber

- Knot free interior & exterior

Primer adhesion

- Pull-off strength greater than 13 Kg/cm² based on ASTM D4541 standard

Fire resistant

- Carbonization Rate: 7mm/min
- Resistive properties are maintained given that internal temperature is kept low

Mechanical properties

MOR	MOE
Modulus of Resistance (Mpa)	Modulus of Elasticity (Mpa)
46,71	12.410

Based on the standard ASTM 198:
Standard Test Methods of Static
Tests of Lumber in Structural Sizes.

Glued

- Exterior grade cross-linking PVA (Polyvinyl Acetate), non-structural adhesive
- High performance adhesive with outstanding results on porous substrates
- IFT Rosenhiem (Germany) certified to pass durability class D4 according to BIN EN 204 "evaluation of non-structural adhesives for joining wood and derived timber products"
- Adhesive tested by Canada Wood using method JIS A1460 "Building Boards, Determination of Formaldehyde Emission – Dessicator Method yielded emission test results of 0.10 mg/L, well below the level allowable to be classified for F**** use "without restriction"

		Width (Nominal)				
16' Length		4	6	8	10	12
Thickness (Nominal)	4/4	●	●	●	●	●
	5/4	●	●	●	●	●