

Ideal for Furniture Making and
MOULDING MANUFACTURING

TECHNICAL SPECIFICATION SHEET



TRUPAN Ultralight

Offers a smooth and flawless surface with a consistent density profile. Ideal for moulding and furniture making and interior design applications.

TRUPAN Ultralight

Is manufactured using pine fiber grown in ARAUCO's sustainably managed plantation forest. TRUPAN Ultralight has a homogeneous surface and excellent sanded finish. This panel offers a uniform color and consistent density profile. TRUPAN Ultralight combines an extremely light weight with excellent machining characteristics and physical mechanical properties, making it an ideal choice for furniture making and moulding manufacturing.

Applications

- Furniture
- Mouldings
- Picture frames
- Doors
- Lamination Substrate (low pressure)
- Display Fixtures
- CNC Spoilboards

Product Features

- Extremely lightweight
- Light, uniform color
- Consistent density profile
- Extra-smooth sanding
- Lower tool wear
- Reduced finished good transportation cost
- Available in thicknesses up to 50mm
- Made from 100% fresh pine fiber from sustainably-managed forests

Recommendations

- Predrilling is required for inserting screws
- For product stability, painting or laminating both sides of the panel is recommended

Storage and Handling

- TRUPAN Ultralight should never be stored or used outdoors. The indoor storage area should be clean, dry, well-ventilated, and free of dust, dirt or particles that could contaminate the MDF. Store flat on bolsters on a level, hard surface. Constant relative humidity and temperature should be maintained. Before use, allow to stabilize to the same conditions as are expected after the panel is installed. Condition 48 to 72 hours prior to lamination.



TRUPAN ULTRALIGHT - TECHNICAL INFORMATION

Property	Density	Internal bond	MOE	MOR	Edge screw pull	Face screw pull	Swelling 24h
Standard	EN 316 / ASTM 1038	EN 319 / ASTM 1037	EN 310 / ASTM 1037		EN 320 / ASTM 1037		EN 317 / ASTM 1037
Thickness in mm	kg/m ³	kPa	N/mm ²	N/mm ²	N	N	%
12 - 14	470 - 550	520 - 600	1,800 - 2,200	22 - 28	-	-	<14
15 - 17	470 - 550	520 - 600	1,800 - 2,200	22 - 28	>650	>800	<12
18 - 24	470 - 550	520 - 600	1,800 - 2,200	22 - 28	>650	>800	<8
25 - 30	470 - 550	520 - 600	1,800 - 2,200	22 - 28	>650	>800	<10
38 - 45 - 50	470 - 550	520 - 600	1,800 - 2,200	22 - 28	>650	>800	<8

Notes:

- For panel sizes and other thicknesses, please contact marketing@arauco-na.com or your TRUPAN sales representative.
- Complies with EPA TSCA VI formaldehyde standard for composite wood panels.
- For Certifications please download at www.arauco-na.com

Tolerances

- Thickness : -/+0.20 mm
- Length and width: -/+2 mm
- Squareness : ≤3 mm