

Exceptional and
LIGHTER WEIGHT

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TRUPAN

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TECHNICAL SPECIFICATION SHEET



TRUPAN Light

Offers the perfect blend of physical-mechanical characteristics and light weight. Ideal for furniture and interior design applications.

THE MDF SPECIALIST | QUALITY | SUSTAINABILITY

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TRUPAN Ligth

Is manufactured using pine fiber grown in ARAUCO's sustainably managed plantation forest. TRUPAN Light has a homogeneous surface and excellent sanded finish. It also offers a uniform color and consistent density profile. TRUPAN Light combines consistent physical mechanical properties with exceptional machining characteristics and lighter weight, which it is an excellent property for logistics optimization, handling and reducing weight in the final product.

Applications

- Furniture
- Cabinets
- Interior Design
- Mouldings
- Doors
- Lamination Substrate (low/medium pressure)
- Display Fixtures
- CNC Spoilboards

Product Features

- Exceptional machinability
- Light, uniform color
- Smooth, homogenous surface
- Lightweight
- Consistent density profile
- 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 Light 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 LIGHT - 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	%
9 - 14	590 - 640	600 - 700	2,200 - 2,800	28 - 36	-	-	<13
15	590 - 640	600 - 700	2,200 - 2,800	28 - 36	>800	>1,000	<10
21 - 24	590 - 640	600 - 700	2,200 - 2,800	28 - 36	>800	>1,000	<9
25 - 30	590 - 640	600 - 700	2,200 - 2,800	28 - 36	>800	>1,000	<8

Notes:

- For panel sizes and other thicknesses, please contact panels@arauco.cl or your TRUPAN sales representative.
- Formaldehyde emission classes available: Carb II, E1 and E2.
- For Certifications please download at www.arauco.cl

Tolerances

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