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**TRUPAN**

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# Outstanding Physical MECHANICAL PROPERTIES

## TECHNICAL SPECIFICATION SHEET



### **TRUPAN** Thin Panel

Offers the perfect blend of physical-mechanical characteristics. Ideal for furniture, door skins, flooring and interior design applications.

THE MDF SPECIALIST | QUALITY | SUSTAINABILITY

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## TRUPAN Thin Panel

Is manufactured using pine fiber grown in ARAUCO's sustainably managed plantation forests. TRUPAN Thin Panel has a homogenous surface and excellent finish. It also offers a uniform color and consistent density profile. TRUPAN Thin Panel combines exceptional machining characteristics with outstanding physical mechanical properties.

### There are four options for TRUPAN Thin Panel:

- **Not Sanded:** Ideal for painting process. The surface characteristic provide better finishing and less consumption of paint (UV, water-based, polyurethane, nitrocellulose).
- **Sanded:** Ideal for lamination process.
- **Painted:** Check TRUPAN Painted MDF for color options.
- **Flooring:** Specific substrate for flooring products.

### Applications

- Furniture
- Drawer Bottoms
- Interior Design
- Doors skins
- Display Fixtures
- Flooring\* (specific product)
- Handicrafts

### Product Features

- Light, uniform color
- Smooth, homogenous surface
- Wide variety of thicknesses
- Consistent density profile
- Products suitable for each process
- Made from 100% fresh pine fiber from sustainably managed forests

### Storage and Handling

- TRUPAN Thin Panel 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 THIN PANEL - 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 <sup>3</sup>	kPa	N/mm <sup>2</sup>	N/mm <sup>2</sup>	N	N	%
2.5 - 3	820 - 860	800 - 900	2,000 - 2,500	30 - 40	-	-	≤35
4	820 - 860	800 - 900	2,000 - 2,500	30 - 40	-	-	≤35
5.5	740 - 780	800 - 900	2,500 - 3,000	35 - 45	-	-	≤30
6	740 - 780	760 - 900	2,700 - 3,000	35 - 45	-	-	≤30

#### Notes:

- For panel sizes and other thicknesses, please contact [araucona.marketing@arauco.com](mailto:araucona.marketing@arauco.com) or your TRUPAN sales representative
- Complies with EPA TSCA VI formaldehyde standard for composite wood panels.
- For Certifications please download at [na.arauco.com](http://na.arauco.com)

#### Tolerances

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

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