



Greater Moisture Resistance in INTERIOR APPLICATIONS

TECHNICAL SPECIFICATION SHEET



TRUPAN MR

Offers the perfect blend of moisture resistance and physical-mechanical characteristics. Ideally suited for applications with high humidity and incidental moisture content.

TRUPAN MR

Is manufactured using pine fiber grown in ARAUCO's sustainably managed plantation forests. Panel becomes moisture resistant when a water-resistant resin is added to reduce swelling in high moisture areas.

Applications

- Kitchen and bath cabinets
- Baseboards
- Residential doors
- Ideal for high humidity environment applications

Product Features

- For applications with high humidity and incidental moisture content
- Excellent physical – mechanical properties provide outstanding machinability
- Smooth and consistent surface ideal for painting
- Green core indicates panel is moisture resistant

Recommendations

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

Storage and Handling

- TRUPAN MR 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 MR - TECHNICAL INFORMATION

Property	Density	Internal bond	MOE	MOR	Edge screw pull	Face screw pull	Swelling 24h (maximum)	After cyclic test	
		(minimum)	(minimum)	(minimum)	(minimum)	(minimum)		Internal bond (minimum)	Swelling (maximum)
Standard	EN 316 / ASTM 1038	EN 319 / ASTM 1037	EN 310 / ASTM 1037		EN 320 / ASTM 1037		EN 317 / ASTM 1037	EN 319 / ASTM 1037	EN 317 / ASTM 1037
Thickness in mm	kg/m ³	kPa	N/mm ²	N/mm ²	N	N	%	kPa	%
5.5	740 - 780	700	2,700	27	-	-	18	350	25
6	720 - 760	700	2,700	27	-	-	12	350	25
7.5	720 - 760	800	2,500	27	-	-	12	350	25
9 - 11.5	700 - 740	800	2,500	26	-	-	10	250	19
12 - 12.7	700 - 740	800	2,400	24	-	-	8	200	16
15 - 18.5	700 - 740	750	2,400	24	>850	>1,050	8	200	15
22 - 25	700 - 740	750	2,300	22	>850	>1,050	7	150	15
30	700 - 740	700	2,300	22	>850	>950	7	150	15

Notes:

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

Tolerances

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