

TREE-D PRODUCT INFORMATION



WWW.TREEDPANELS.COM

TREE-D PANELS
Sustainable Wood Textured Wall Panels





INTRODUCTION



TREE-D PANELS
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www.treedpanels.com

Tree-D Panels Inc manufactures decorative textured wall panels from sustainable wood surfaces. In achieving a balance between unique design & responsible production, we create options for Architects, Designers and Clients seeking unique interior design elements that create focus, impact and balance to planned spaces.

Grounded in over 30 years of woodwork experience, Tree-D Panels Inc has evolved to offer updated modern wood options to draw life from otherwise bland & boring walls or cabinetry.

We welcome Clients & Industry Professionals
to explore the range of our products.



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APPLICATIONS

By combining design, depth & dimension, we're introducing a product with variable uses in Residential & Commercial Interiors.

USES OF TEXTURED WALL PANELS:

- Wall Paneling
- Fireplaces
- Accent Areas
- Cabinet Fronts
- Bar Backsplashes
- Wainscoating
- Area Partitions
- Furniture Accents
- Signage
- Display Walls
- Conference Walls
- Reception Areas
- Executive Offices
- Hospitals
- Hotel Lobbies
- Casinos
- Nightclubs
- Airports

*Uninteresting flat walls can become
conversational pieces of interest & living art.*



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SPECIFICATIONS

Environmental Friendly Production

- Manufactured Locally in Southern California, Los Angeles Area
- CARB II Compliant (California Air Resources Board)
- Highest E-1 Rating for Furniture Manufacturing
- Formaldehyde Free
- Zero Gassing By-Product of Toxic Gases
- SFI Certified Fiber Sourcing Product (Sustainable Forestry Initiative)
- ECC Composite (Eco-Certified) for Responsible Use of Wood Fiber
- Green Building Initiative Credit Support
- LEED Certified with US Green Building Council – Materials & Resources

MR4: 1-2 Points	MR5: 1-2 Points	MR7: 1 Point	IEQ4.4
Recycled Content of Building Materials	Regional Materials as Extracted & Manufactured within Product Region	Certified Wood Encourages Responsible Forest Management	Low Emit Materials to Improve Indoor Air Quality



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SPECIFICATIONS

MSDS SHEET



Specifications for Standard MDF Products

Plum Creek Super-Refined MDF2® is an engineered wood panel prized by woodworkers for its exceptional qualities, including a smooth, unblemished surface and homogeneous core. Our products are made from high-quality inland species of western softwoods known for their low abrasive content and light color, providing for unsurpassed ease of routing and finishing.

	Average Physical Properties		ANSI A208.2-2009 Grade 155-F11	
	Imperial	Metric	Imperial	Metric
Density (≤ .551")	49.0 lbs/ft ³	788 Kg/m ³	N/A	N/A
Density (> .551")	48.5 lbs/ft ³	780 Kg/m ³	N/A	N/A
Moisture Content	5.50%	5.50%	N/A	N/A
Thickness Tolerance	+ 0.005"	+ 0.125mm	+ 0.005"	+ 0.125mm
Modulus Of Rupture	4,800 psi	33.1 N/mm ²	4,050 psi	27.9 N/mm ²
Modulus of Elasticity	500,000 psi	3,448.3 N/mm ²	405,000 psi	2792 N/mm ²
Internal Bond	130 psi	0.9 N/mm ²	117 psi	0.81 N/mm ²
Linear Expansion Limit	≤ 0.3%	≤ 0.3%	≤ 0.33%	≤ 0.33%
Face Screw Hold > .375" (9.5mm)	300 lb _f	1,334 N	270 lb _f	1,201 N
Edge Screw Hold > .025" (16mm)	275 lb _f	1,223 N	225 lb _f	1,000 N
Length / Width Tolerance	± 0.07"	± 1.8mm	± 0.08"	± 2.0mm
Thickness Swell (≤ 15mm)	0.05"	1.3mm	0.065"	1.65mm
Thickness Swell (> 15mm)	6%	6%	11%	11%
CARB 2 Formaldehyde Emission Limit, thickness > 8mm*	≤ 0.11 ppm	≤ 0.11 ppm	≤ 0.11 ppm	≤ 0.11 ppm



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SPECIFICATIONS

Material Composition

- Homogeneous Core of MDF Medium Density Fiberboard
- MDF consists of 100% Recycled/Reclaimed Wood
- Only Water-Based Adhesives in Our Products
- Sustainable Material Composed of High-Quality Inland Species of Western Softwoods
- Fire-Rated due to the absence of Urea-Formaldehyde Resin Class A/Class 1 Fire-Rated Panel
- Low Abrasive Content Eases Cutting, Sanding & Installation
- Light Color of Softwoods Accepts Variety of Finishes
- Uniform Dense, Stable Core is Idea for Routed Doors, Laminating and Surface/Edge Machining Applications



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SPECIFICATIONS

CNC Milled MDF Core

Overall Panel Size 48" x 96"

Lightweight 60 LBS/Sheet

- MDF Core CNC Machined Milled with Precision
- Melamine Paper Back for Added Structural Form
- Panel Finished Surface Depths Range 1/4"-3/4"
- Easily Installed with Screws or Range of Fasteners
- Standard "Quick Ship" Patterns as Unfinished
- Large Range of Thermafoil Surfaces Offered as Finishes
- Composition Allows for Easy Cutting & Sanding at Install
- Cut to Size Door & Panel Program to Dry-Fit Clients' Areas

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