

# 50# PREMIUM INDUSTRIAL



**WOODGRAIN 50# PREMIUM INDUSTRIAL PARTICLEBOARD IS ENGINEERED FOR HIGHER PHYSICAL PROPERTIES AND A TIGHTER CONSOLIDATED CORE. WHERE STRENGTH MEETS MACHINABILITY. ENGINEERED FOR INTERIOR USE ONLY.**

## DESCRIPTION

An engineered composite panel wood product made from 100% recycled Ponderosa pine and associated species of western wood particles formed and bonded with an interior resin.

## SPECIFICATION CONFORMANCE

Physical and Mechanical Properties are averages of all thicknesses from normal product runs.

## THICKNESS RANGE

3/8" through 1" or 9 mm through 25 mm

### WOODGRAIN PARTICLEBOARD COMPLIES WITH:

EPA TSCA Title VI, HUD 24 CFR 3280, CCR 93120 CARB ATCM Phase 2, CAN/CSA-0160-16 (Formaldehyde Emissions)  
ECC CPA 4-11 (Sustainability); ANSI A208.1 2016 (Physical Properties)  
Flame spread rating is class C (International Code Council – International Fire Code® and National Fire Protection Association 101 Life Safety Code®) as tested to ASTM E84 and CAN/ULC-S102-10.

MANUFACTURING STANDARDS: AVERAGE	IMPERIAL	METRIC
Density	49.5 lb/ft <sup>3</sup>	0.793 g/cm <sup>3</sup>
Internal Bond	135 psi	0.93 N/ mm <sup>2</sup>
Screw Hold - Face	325 lbs	1,446 N
Screw Hold - Edge	225 lbs	1,001 N
Formaldehyde, Emissions (TSCA Title VI)	< 0.09 ppm	< 0.09 ppm
Linear Expansion - Maximum	0.35%	0.35%
Water Absorption - Maximum	20%	20%
Moisture Content	7%	7%
Sanding	120 grit	-

MANUFACTURING TOLERANCES	IMPERIAL	METRIC
Thickness Average from Target Value*	± 0.005 in	± 0.127 mm
Thickness Range (within panel) from Panel Average Value	± 0.004 in	± 0.1016 mm
Length and Width (within panel) from Specified Size	± 0.0625 in	± 1.5875 mm
Squareness (within panel) Maximum Deviation Between Diagonals	0.125 in	3.175 mm
Straightness (within panel) Maximum bow per 8' length	0.0625 in	1.5875 mm

\*Target value 0.005 under nominal

For more information, including sales terms and conditions:

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