

45# PREMIUM INDUSTRIAL



WOODGRAIN 45# PREMIUM INDUSTRIAL PARTICLEBOARD. RENOWNED FOR ITS MACHINING PERFORMANCE AND EDGE INTEGRITY. DRESS IT UP IN A VARIETY OF COATINGS AND LAMINATES. 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" – 1 3/16" or 9mm – 30mm

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	45.0 lb/ft ³	0.721 g/cm ³
Internal Bond	100 psi	0.689 N/ mm ²
Screw Hold - Face	250 lbs	1,112 N
Screw Hold - Edge	185 lbs	822.92 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	± 0.107 mm
Length and Width (within panel) from Specified Size	± 0.0625 in	± 1.588 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	1.588 mm

*Target value 0.005 under nominal

For more information, including sales terms and conditions:

Visit our website: Woodgrain.com

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Give us a Call: 888-264-7372

