

# 42# PREMIUM COMMERCIAL



**WOODGRAIN 42# COMMERCIAL PARTICLEBOARD PROVIDES MANUFACTURING AND SHIPPING ECONOMIES THAT TRANSLATE INTO LOWER PURCHASE COSTS. LIGHT WITHOUT SACRIFICE. 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

1/2" through 1" or 12 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	42.0 lb/ft <sup>3</sup>	0.673 g/cm <sup>3</sup>
Internal Bond	85 psi	0.586 N/ mm <sup>2</sup>
Screw Hold - Face	200 lbs	889.6 N
Screw Hold - Edge	157 lbs	698.37 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:

Visit our website: [Woodgrain.com](http://Woodgrain.com)

Send us an Email: [ParticleboardSales@Woodgrain.com](mailto:ParticleboardSales@Woodgrain.com)

Give us a Call: 888-264-7372

