

# Industrial MR10



Boise Cascade MR10 (moisture resistant) is a Premium Industrial Particleboard with added protection against occasional wetting and high humidity. Boise Cascade Company. Engineering peace of mind. Engineered for Interior Use Only.

## THICKNESS RANGE

5/8" through 1"

## 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.

### Boise Cascade 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.  
**MR10 compliance with ANSI A208.1 when tested according to ASTM D1037-12, 24 hour water submersion.**

MANUFACTURING STANDARDS <i>Average</i>	IMPERIAL	METRIC (SI)
Density	48.0 lb/ft <sup>3</sup>	0.769 g/cm <sup>3</sup>
Internal Bond	130 psi	0.896 N/mm <sup>2</sup>
Screw Holding - Face	320 lbs	1,423 N
Screw Holding - Edge	260 lbs	1156.53 N
Formaldehyde, Emissions (TSCA Title VI)	< 0.09 ppm	< 0.09 ppm
Linear Expansion - Maximum	0.3%	0.3%
Water Absorption - Maximum	20%	20%
Thickness Swell - Maximum	< 5%	< 5%
Moisture Content	7%	7%
Sanding	100 grit	-

MANUFACTURING TOLERANCES	IMPERIAL	METRIC (SI)
Thickness Average from Target Value* *Target value 0.005 under nominal	±0.005 inches	±0.127 mm
Thickness Range ( <i>within panel</i> ) from Panel Average Value	±0.004 inches	±0.102 mm
Length and Width ( <i>within panel</i> ) from Specified Size	±0.0625 inches	±1.588 mm
Squareness ( <i>within panel</i> ) Maximum Deviation Between Diagonal Measurements	0.125 inches	3.175 mm
Straightness ( <i>within panel</i> ) Maximum Bow per 8' Length	0.0625 inches	1.588 mm



**Boise Cascade**  
Particleboard

For more information, including sales terms and conditions, visit our website at: [www.bc.com/particleboard](http://www.bc.com/particleboard)  
 Email: [TWPparticleboardSales@BC.com](mailto:TWPparticleboardSales@BC.com)  
 Phone: 888-264-7372



All products are available SFI®  
Chain-of-Custody Certified.