

**ROSEBURG PROUDLY**

*Presents*

The most technically diverse line of MDF products in North America. From moisture resistant to flame retardant to no-added formaldehyde, Roseburg has an MDF panel to suit your every need. Working on a LEED® Project? You'll be pleased to know that all of Roseburg MDF may contribute to points for Materials & Resources - Recycled Content. In addition, we have a line of Sustainable Design Fiberboard products that contribute to Indoor Environmental Quality points due to our manufacturing process that uses a formaldehyde free binder system.

*arreis*®

**medite® II**

**medex®**

medite FR®

**medite®**

**medite® 3D**

**PermaCore®**

# MDF

medium density fiberboard

## Features & Benefits

- Product meets CARB ATCM 93120 Phase 2 emission requirements
- Meets physical properties of ANSI A208.2-2009 Grade 130
- FSC® certified panels available upon request

## Mill Capabilities

- Panels available in 4' and 5' widths
- Panels available in lengths up to 18'
- Minimum order may be required for some sizes

## How to Specify

Specify Medite® or Medite® 3D, industrial grade medium density fiberboard (MDF)

## Handling & Installation

- Store indoors on a flat, level surface with adequate support to prevent sagging
- Refer to Architectural Woodwork Standards (AWS) for fabrication and installation procedures
- Medite® & Medite® 3D are not suitable for use in external or structural applications or in areas where moisture is a concern
- For best results, condition to the environment 48-72 hours prior to installation

# medite®

Because of its unparalleled hard, smooth surface, Medite® easily accepts many finishes including: paint, varnish, lacquer, UV-fills, laminates and foils. Panels are available in thicknesses ranging from 1/4" to 1-1/2".

Strength and machinability make Medite® the right choice for fabrication and precision parts:

- Furniture
- Cabinets
- Stereo Speakers
- Door Parts
- Store Fixtures
- Toys & Musical Instruments

# medite® 3D

Engineered for demanding three dimensional applications, Panels are available in thicknesses ranging from 1/2" to 1-1/4". Medite® 3D is the superior choice for multi-level machining applications:

- Moulding
- Raised Panel Doors
- Door & Drawer Fronts
- Display Panels
- Furniture

# medite® medite® 3D

Roseburg Medite® and Medite® 3D brands produced in Medford, OR are manufactured from pre-consumer recycled wood content. These products are engineered for a wide range of applications. For decades the Medite® brand has been recognized globally for quality and consistency in MDF. Medite® and Medite® 3D are widely distributed throughout North America.

## Technical Data

Technical Data	Medite®	Medite® 3D
Density	46 lb/ft <sup>3</sup>	49 lb/ft <sup>3</sup>
Internal Bond	130lb/in <sup>2</sup>	140 lb/in <sup>2</sup>
Modulus of Rupture	4,000 lb/in <sup>2</sup>	4,000 lb/in <sup>2</sup>
Modulus of Elasticity	450,000 lb/in <sup>2</sup>	450,000 lb/in <sup>2</sup>
Modulus of Hardness	950 lbs, Janka ball	900 lbs
Screw Holding, Face	225 lbs	300 lbs
Screw Holding, Edge	200 lbs	280 lbs
Thickness Tolerance	±0.005 inch	±0.005 inch
Flame Spread Rating	Class 3 (C)	Class 3 (C)
Moisture Content	4 - 6%	4 - 6%
Thickness Swell	5%	5%
Linear Expansion	0.3%	0.3%

Average physical properties for 3/4" panel, based on a 5 panel average, when tested in accordance with ASTM D1037. Emissions tested in accordance with ASTM E-1333. Specific design applications, and technical data are available upon request.



## FSC® C017580

The mark of responsible forestry  
(Available upon request)



## SCS Certified

92% Pre-Consumer  
Recycled Content

MINIMUM 92% RECYCLED CONTENT  
PRE-CONSUMER



## ECC Certified

Specification CPA ECC 4-11  
CARB Third Party Certifier TPC-1

## LEED® 2009 Credits Supported

Materials & Resources: 4, 5, 7

## LEED® v4 Credits Supported

Materials & Resources -

Building Product Disclosure  
and Optimization

- Sourcing of Raw Materials

- Material Ingredients

- Environmental Product Declaration

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