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.
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.

**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

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

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

**Technical Data**

<table>
<thead>
<tr>
<th></th>
<th>Medite®</th>
<th>Medite® 3D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>46 lb/ft³</td>
<td>49 lb/ft³</td>
</tr>
<tr>
<td>Internal Bond</td>
<td>130 lb/in²</td>
<td>140 lb/in²</td>
</tr>
<tr>
<td>Modulus of Rupture</td>
<td>4,000 lb/in²</td>
<td>4,000 lb/in²</td>
</tr>
<tr>
<td>Modulus of Elasticity</td>
<td>450,000 lb/in²</td>
<td>450,000 lb/in²</td>
</tr>
<tr>
<td>Modulus of Hardness</td>
<td>950 lbs, Janka ball</td>
<td>900 lbs</td>
</tr>
<tr>
<td>Screw Holding, Face</td>
<td>225 lbs</td>
<td>300 lbs</td>
</tr>
<tr>
<td>Screw Holding, Edge</td>
<td>200 lbs</td>
<td>280 lbs</td>
</tr>
<tr>
<td>Thickness Tolerance</td>
<td>±0.005 inch</td>
<td>±0.005 inch</td>
</tr>
<tr>
<td>Flame Spread Rating</td>
<td>Class 3 (C)</td>
<td>Class 3 (C)</td>
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<tr>
<td>Moisture Content</td>
<td>4 - 6%</td>
<td>4 - 6%</td>
</tr>
<tr>
<td>Thickness Swell</td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td>Linear Expansion</td>
<td>0.3%</td>
<td>0.3%</td>
</tr>
</tbody>
</table>

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

**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

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

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

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