

Features & Benefits

- Awarded CARB NAF Exemption due to formaldehyde-free adhesive system
- Significantly exceeds standard MDF physical properties
- Meets physical properties of ANSI A208.2-2009 Grade 155 MR50
- Passes ASTM D1037-96a six-cycle accelerated aging test
- FSC® certified panels available upon request

Mill Capabilities

- Panels available in 4' and 5' widths and lengths up to 18'
- Thicknesses ranging from 1/4" - 1-1/4"
- Available in higher densities with a minimum order requirement
- Minimum order may be required for some sizes

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.
- For best results, Medex® should be conditioned to the environment 48-72 hours prior to installation.

Finishing Instructions

Guidelines for commercial signage applications are available on our website or by request from SierraPine.

How to Specify

Industrial Grade Medium Density Fiberboard (MDF), manufactured with a formaldehyde-free adhesive system which meets physical properties of ANSI A208.2-2009 Grade 155 specifications.

Limitations

Medex® is not suitable for structural applications, exterior siding or exterior trim.

Ideal Applications

- LEED® Projects
- Countertops
- Window Sills
- Bathroom & Kitchen Cabinets/Woodwork
- Bow & Bay Window Boards
- Display Cases
- Raised Panel Door Inserts

Medex® is a sustainable, moisture resistant, medium density fiberboard (MDF) panel utilizing a formaldehyde-free adhesive system and pre-consumer recycled wood fiber. Medex® is engineered for interior high moisture areas in non-structural applications and is used in place of sanded plywood or solid wood. With the versatility of a superior composite wood panel and the enhancement of indoor air quality, Medex® has been specified in hundreds of commercial, institutional and conservator projects since the 1980's.

Technical Data	Imperial	Metric
Density	48 lb/ft ³	769 kg/m ³
Internal Bond	200 lb/in ²	1.38 N/mm ²
Modulus of Rupture	5,500 lb/in ²	37.89 N/mm ²
Modulus of Elasticity	600,000 lb/in ²	4,134 N/mm ²
Modulus of Hardness	1,150 lbs, Janka ball	5,115 N
Screw Holding, Face	325 lbs	1,446 N
Screw Holding, Edge	280 lbs	1,245 N
Thickness Tolerance	± 0.005 inch	±0.127 mm
Thickness Swell	3%	
Linear Expansion	0.25%	
Water Absorption	5%	
Flame Spread Rating	Class 3 (C)	
Moisture Content	4 - 6%	
Formaldehyde Emissions	as low as 0.01 ppm	

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



SCS Certified
SCS-MC-01584
Pre-Consumer Recycled
Wood Content



SCS Validation
SCS-NAF-01329
No-Added Formaldehyde



FSC® C014647
The mark of responsible
forestry
(Available upon request)

LEED® 2009 Credits Supported
Materials & Resources: 4, 5, 7
Indoor Environmental Quality: 4.4



ECC Certified
Specification CPA ECC 4-11
CARB Third Party Certifier TPC-2

CHPS Compliant
Meets Materials Specifications for
VOC emissions section 01350

SierraPine warrants that its products will meet the specifications applicable to such products in effect at the time of shipment as disclosed to customer and available on SierraPine's website at www.sierrapine.com under Terms & Conditions. Any claim for breach of such warranty must be received by SierraPine within 90 days after delivery of products to customer. SierraPine makes no other warranty or guarantee, either express or implied, including implied warranties of merchantability and of fitness for a particular purpose to the original purchaser or to any subsequent user of the products, except as expressly contained in our Terms & Conditions. In the event state or provincial law precludes exclusion or limitation of implied warranties, the duration of any such warranties shall be no longer than, and the time and manner of presenting any claim hereon shall be the same as, that provided in the express warranty stated therein. All warranty claims are void if the thickness of the panel is materially modified from the original thickness at time of shipment.

SierraPine
COMPOSITE SOLUTIONS

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