



# SUPERIOR MDF | medium density fiberboard

passion  
for panels®

## THE RENOWNED MDF CHOICE FOR PERFORMANCE AND FLEXIBILITY

Superior MDF and Superior Plus MDF from Flakeboard are the medium density fiberboard products of choice when looking for optimal quality, consistency in the most demanding of applications. Our Superior Plus MDF has a uniform density profile that offers a stable core and surface making it ideal for routed doors, for printing and laminating, as well as surface and edge-machining applications.

Available raw or thermally fused with a melamine design, Superior MDF is available in an inspiring and versatile selection of panel sizes and patterns. VESTA - no added urea formaldehyde resin is available upon request in both "Superior" and "Superior Plus" grades for specific thicknesses.

Choose from:

- Panel thicknesses ranging from 3/8" to 1 1/2"
- 49" and 61" widths
- Hundreds of TFM colors and patterns

General Information:

- Sanded Finish 150 grit
- Thickness Tolerance +/- 0.005"

Grade	Superior MDF VESTA MDF			Superior Plus MDF VESTA Plus MDF			Superior SW VESTA SW (for slotwall)	
Thickness (in)*	3/8 - 1/2	9/16 - 7/8	1 - 1 1/2	3/8 - 1/2	1/2 - 7/8	1	1 1/8 - 1 3/16	3/4
Density (pcf)	47.5	46	45	47.5	47.5	46.5	46	45.5
MOR (psi)	3,700	3,500	3,300	3,500	3,700	3,500	3,500	3,300
MOE (psi)	450,000	440,000	440,000	450,000	460,000	480,000	450,000	440,000
Internal Bond (psi)	115	115	110	150	150	150	130	140
Face Screw Hold (lb)	300	260	270	340	320	300	265	280
Edge Screw Hold (lb)	N/A	250**	250	N/A	310	300	265	275
Thickness Swell (%)	As per ANSI Specification	7	4	As per ANSI Specification	5	4	4	4
Thickness Tolerance (in)	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005
Squareness (in)	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8
Moisture Content (%)	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7
Sanded Finish	150 grit			180 grit			150 grit	

\* Metric thickness available. \*\* N/A for 9/16" thickness.

### PHYSICAL PROPERTIES

The above physical properties are based on averages of normal production. Flakeboard will meet or exceed the minimum standards set out in ANSI A208.2-2009. Specific design applications, technical data, product and thickness information is available upon request.

	Superior	Superior Plus
Flame Spread Index	110	120
Smoke Developed Index	180	
Fuel Contributed	90	

- Product suitability for a particular application is the responsibility of the fabricator or end user
- Complies with CPA EPPS 3-08 and CCR 93120.2 (California ARB Composite Wood ATCM Phase 2 Formaldehyde Emission Limits)
- Material Safety Data Sheets are available upon request
- All panels are approved for use in interior, non-structural applications
- Contains 100% Recycled/Recovered Wood Content
- Conforms to formaldehyde emission requirements for MDF in ANSI A208.2-2009
- Testing in accordance with procedures described in ANSI A208.2-2002 for MDF
- Surface Burning Characteristics: Based on a single test, utilizing the ASTM E 84 test method HPVA has classified Superior MDF in accordance with NFPA 101, Class 3

### CALIFORNIA PROPOSITION 65 REQUIREMENT

Warning: Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.



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www.flakeboard.com 1.800.268.9930