



# 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)
	5.5mm - 8mm	9mm - 1/2"	9/16" - 7/8"	1 - 1 1/2"	9mm - 1/2"	9/16" - 7/8"	1 - 1 1/4"	
Thickness*	5.5mm - 8mm	9mm - 1/2"	9/16" - 7/8"	1 - 1 1/2"	9mm - 1/2"	9/16" - 7/8"	1 - 1 1/4"	3/4"
Density (pcf)	55	48	46	45	48	48	47	46
MOR (psi)	4,800	3,500	3,300	3,200	3,800	3,800	3,800	3,600
MOE (psi)	500,000	420,000	420,000	440,000	460,000	480,000	495,000	455,000
Internal Bond (psi)	175	120	110	110	155	155	145	135
Face Screw Hold (lb)	N/A	320	270	275	340	330	320	280
Edge Screw Hold (lb)	N/A	N/A	245	260	N/A	320	325	270
Thickness Swell (%)	As per ANSI Specification	As per ANSI Specification	5	3	As per ANSI Specification	5	3	4
Thickness Tolerance (in)	+/- 0.005	+/- 0.005	+/- 0.005	+/- 0.005	+/- 0.005	+/- 0.005	+/- 0.005	+/- 0.005
Squareness (in)	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8
Moisture Content (%)	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7
Sanded Finish	150 grit				180 grit			150 grit

Grade	Superior Custom		Superior Lite		Superior Plus HD	Superior Ultra	
	9mm - 1/2"	9/16" - 1 1/8"	7/16" - 1/2"	9/16" - 1 1/4"		5/8" - 3/4"	5/8" - 3/4"
Thickness*	9mm - 1/2"	9/16" - 1 1/8"	7/16" - 1/2"	9/16" - 1 1/4"	5/8" - 3/4"	5/8" - 3/4"	1"
Density (pcf)	44	42	42	41	50	46	45
MOR (psi)	3,000	2,900	3,100	3,100	4,000	3,300	3,300
MOE (psi)	380,000	380,000	390,000	400,000	500,000	450,000	450,000
Internal Bond (psi)	85	85	120	100	160	135	125
Face Screw Hold (lb)	270	220	325	240	350	270	270
Edge Screw Hold (lb)	N/A	190	N/A	210	345	250	250
Thickness Swell (%)	As per ANSI Specification	5	As per ANSI Specification	As per ANSI Specification	5	5	5
Thickness Tolerance (in)	+/- 0.005	+/- 0.005	+/- 0.005	+/- 0.005	+/- 0.005	+/- 0.005	+/- 0.005
Squareness (in)	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8
Moisture Content (%)	4 - 6	4 - 6	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7
Sanded Finish	150 grit		150 grit		180 grit	150 grit	

\* Metric thickness available.

### 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.

- Look for FSC® certified products
- Product suitability for a particular application is the responsibility of the fabricator or end user
- Complies with ECC 4-11, ANSI A208.2-2009, and California 93120 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
- 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.

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



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