



Technical Data Sheet

Substrate Properties

MDF substrates shall meet or exceed all specification of ANSI A208.2-94. - MDF classification MD.
Specific properties are listed below:

	MDF	MR MDF (Moisture Resistant)	FR MDF (Fire Retardant)
Density	48 pcf	48 pcf	47 pcf
Internal Bond	120 psi	120 psi	100 psi
Modulus of Rupture	4,500 psi	4,500 psi	3,500 psi
Modulus of Elasticity	400,000 psi	400,000 psi	375,000 psi
Face Screw Holding	350 lbs	350 lbs	300 lbs
Edge Screw Holding	300 lbs	300 lbs	225 lbs
UF Emissions	<0.3 ppm	<0.3 ppm	<0.3 ppm
Swell (24-hour soak)	15.00%	8.00%	10.00%
Flamespread Index	140 (Class III)	140 (Class III)	(Class I)

Veneer Properties

Wood veneers shall be classified Grade A with the following natural characteristics:

	Poplar (paintable)	Oak	Maple	Cherry
Sapwood	yes	5.00%	yes	no
Color Variation	moderate	moderate	slight	moderate
Small, Tight Pin Knots, 1 per	3 sf	2-2/3 sf	3 sf	1-1/3 sf
Mineral Streaks	slight	slight, blending	slight	slight

All veneers shall be sanded to 180 grit.

Sharp color contrasts not acceptable at joints.

Primable paper veneer shall be 80 gram weight, resin impregnated Kraft paper (white).

NOTE: The above information is for reference purposes only.