

RANGER

SPECMDF™

LAMINATED MDF PROGRAM BY SPECIALTY LAMINATES



SPECMDF™ PROGRAM

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ALL PURPOSE GRADES



STANDARD GRADE



MDF CONSTRUCTION

- This standard grade 100% Western softwood MDF is a general purpose 46lbs density substrate.

WHEN SHOULD IT BE USED?

- Drawer components
- Cabinet backs
- Ideal for millwork or cabinet case goods, or cabinetry faces
- TFL one or two sided panels

DIMENSIONS

- Available thicknesses: 1/4", 1/2", 5/8", 11/16", 3/4", 1"
- Available panel formats: 4x8, 5x8 (up to 5x10ft)

HIGHLIGHTS / APPLICATIONS



MACHINEABLE



PAINTABLE

PREMIUM GRADE



MDF CONSTRUCTION

- This premium grade MDF consists of 100% Western white softwood fiber boasting an internal bond of 110psi and 47lbs density*

WHEN SHOULD IT BE USED?

- As two sided TFL this premium grade is ideal for millwork or cabinet case goods, or cabinetry faces
- As a one-sided TFL panel, the premium grade accepts primer & paint well (requires surface sanding) and works well as flat components

DIMENSIONS

- Available thicknesses: 1/2", 5/8", 3/4", 1", 1 1/4", 1 1/2"
- Available panel formats: 4x8, 5x8 (up to 5x10ft)

HIGHLIGHTS / APPLICATIONS



MACHINEABLE



PAINTABLE



CNC ROUTING



* Internal Bond and Density rating noted above is based upon 9/16" to 7/8" thickness range



MACHINING GRADES

MDF CONSTRUCTION

- Premium Plus+ MDF consists of highly refined 100% Western white softwood fiber which yields an internal bond of 140psi and 49lbs density*

WHEN SHOULD IT BE USED?

- Ideal for detailed machining, edge-routing, decorative polymer or PET overlays
- 1-sided TFL panels for the purpose of machining or painting the raw face (light sanding steps required)
- Standard production uses White TFL 1 Side, patterns are also available

DIMENSIONS

- Available thicknesses: 1/2", 5/8", 3/4", 7/8"
- Available panel formats: 4x8, 5x8 (up to 5x10ft)

HIGHLIGHTS / APPLICATIONS



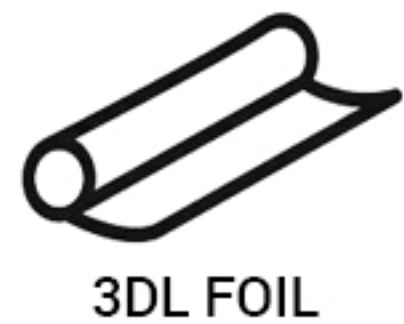
MACHINEABLE



PAINTABLE

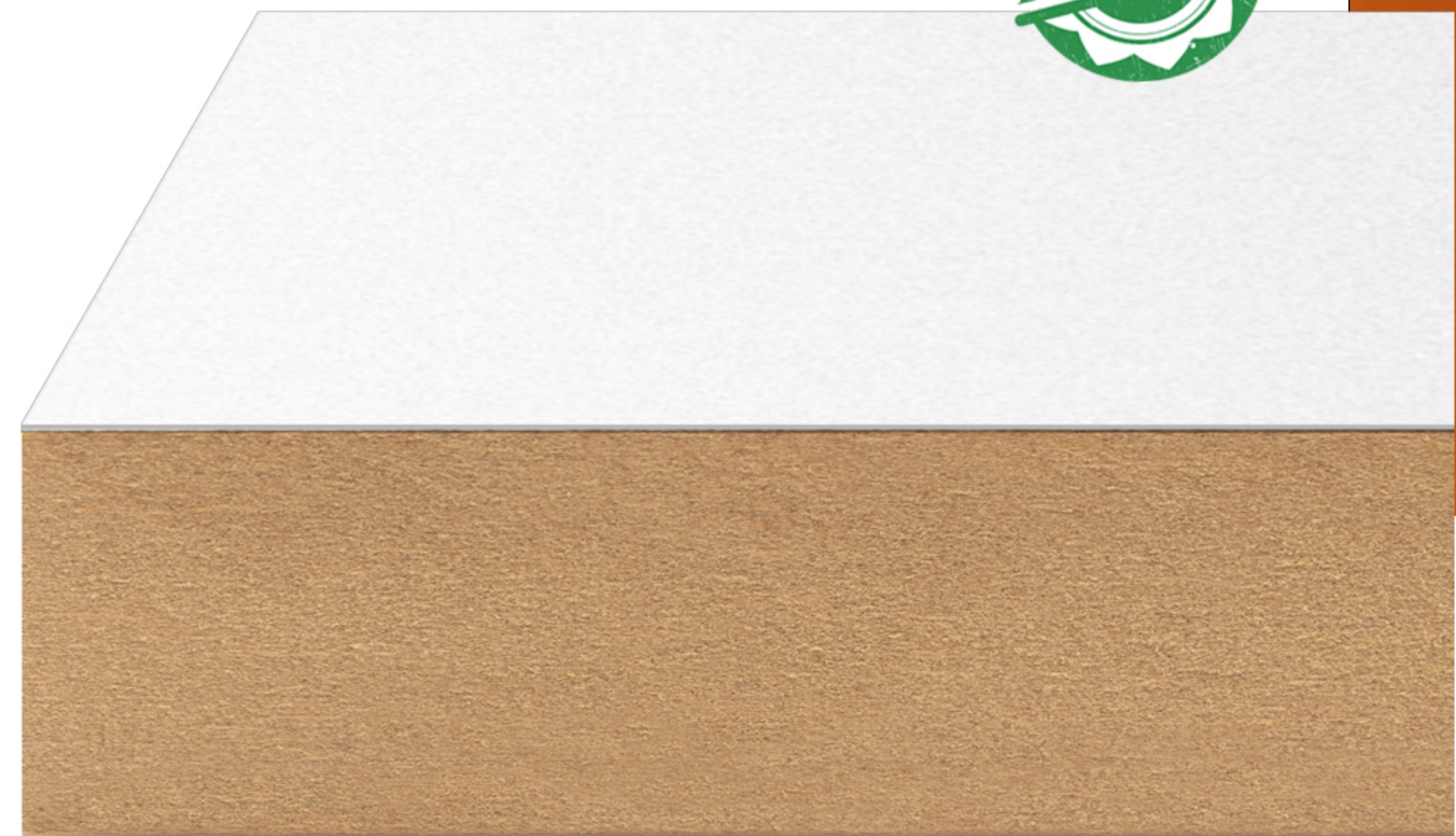


CNC ROUTING



3DL FOIL

PREMIUM PLUS+



MDF CONSTRUCTION

- Platinum grade MDF is our "Ultimate MDF". Created from ultra-refined 100% Western white softwood fiber in combination with unique resin to reach an internal bond of 175psi and 50lbs density

WHEN SHOULD IT BE USED?

- The perfect panel for the purpose of deep-routing & intricate machining, as well as decorative polymer or PET overlays
- Extremely efficient in prime & paint applications (minimal sanding)
- Standard production uses White TFL 1 Side, patterns are also available

DIMENSIONS

- Available thicknesses: 5/8", 3/4", 7/8"
- Available panel formats: 4x8, 5x8 (up to 5x10ft)

HIGHLIGHTS / APPLICATIONS



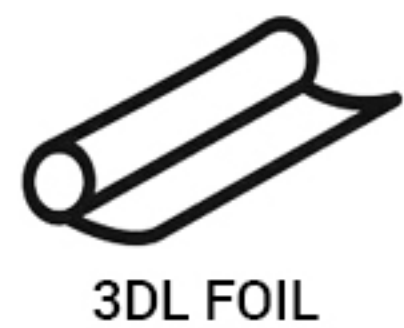
MACHINEABLE



PAINTABLE

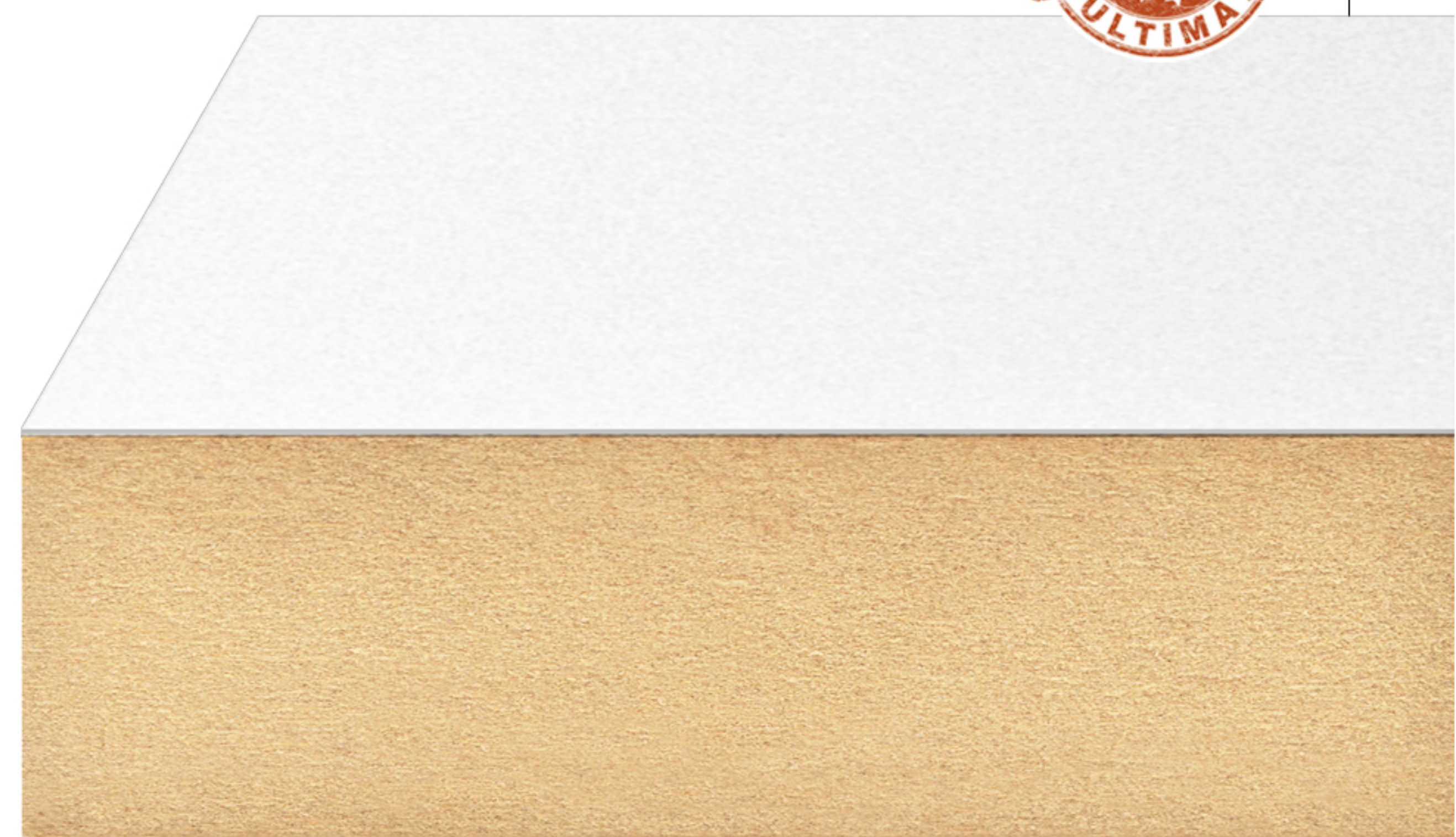


CNC ROUTING



3DL FOIL

PLATINUM GRADE



* Internal Bond and Density rating noted above is based upon 9/16" to 7/8" thickness range

PRODUCT SPECIFICATIONS

SPECMDF™	STANDARD MDF	PREMIUM MDF	PREMIUM PLUS+ MDF	PLATINUM MDF
Laminated with TFL	1 SIDE or 2 SIDED	1 SIDE or 2 SIDED	1 SIDE or 2 SIDED	1 SIDE or 2 SIDED
MDF Density*	46 lbs	47 lbs	49 lbs	50 lbs
MDF IB* (Internal Bond)	95 psi	110 psi	140 psi	175 psi
Screw Holding (Face)	320 lbs	325 lbs	450 lbs	450 lbs
Screw Holding (Edge)	300 lbs	300 lbs	425 lbs	450 lbs
Available panel thickness(s)	1/4", 1/2", 5/8", 11/16", 3/4", 1"	1/2", 5/8", 3/4", 1", 1 1/4", 1 1/2"	1/2", 5/8", 3/4", 7/8"	5/8", 3/4", 7/8"
Available panel format(s)	4x8 ft, 5x8 ft(up to 5x10)	4x8 ft, 5x8 ft(up to 5x10)	4x8 ft, 5x8 ft(up to 5x10)	4x8 ft, 5x8 ft(up to 5x10)
Fiber Content:	Ranger MDF is manufactured from 100% Western white softwoods. Appearance is a consistent light sandy color			
Surface Sanding:	Standard finish 150 grit			

CERTIFICATIONS

Ranger MDF complies with ANSI A208.2 – 2016 using the prescribed test methods in ASTM D-1037.

Formaldehyde emissions: Ranger MDF – EPA TSCA Title VI, CARB ATCM 93120.

Surface Burning Characteristics: Testing completed on Ranger Board MDF, show material being Class III or C in accordance with ULC Standard CAN/ULC-S102.

Composite Panel Association Eco-Certified Composite Grademark Certification Program (ECC 4-19) and ANSI A208.2 – 2016

Scientific Certification Services (SCS – MC – 01444)

EcoPlus MR50 Moisture Resistant MDF



Panels are now an option for this SPECMDF™ Program

Available in 4x8, 5x8 up to 5x10 in 1/4", 3/8", 1/2", 5/8" and 3/4" thicknesses

Negative Warp Requests: In the case of requirements for 'negative warp' in 3D Foil / RTF application you can specify the amount of warp desired. These requests will be addressed upon an on-order or Program basis.

Disclaimer: Unless TFL overlays are matching on both sides of the panel, Specialty Laminates is not responsible for warp or deformation in the case of an unbalanced panel.

* Internal Bond and Density rating noted above is based upon 9/16" to 7/8" thickness range

