

Specifications for High Density Machining Grade Products

Plum Creek Super-Refined MDF2® is an engineered wood panel prized by woodworkers for its exceptional qualities, including a smooth, unblemished surface and homogeneous core. Our products are made from high-quality inland species of western softwoods known for their low abrasive content and light color, providing for unsurpassed ease of routing and finishing.

Plum Creek Glacier Green™ Meets the Following:

- Fiber sourcing requirements of the [Sustainable Forestry Initiative](#) (SFI)
- [CARB](#) ATCM 93120
- The Eco-Certified Composite ([ECC](#)) Standard 4-11
- [LEED](#)® credit support for New Construction and Major Renovations, Pilot Credit 43
- The [ICC 700 National Green Building Standard](#)
- [Green Globes® System](#) Green Building Initiative credit support E2
- Scientific Certifications Systems ([SCS](#)) for pre-consumer recycled fiber content



| | Average Physical Properties | | ANSI A208.2-2009 Grade 155-F11 | |
|--|-----------------------------|---------------------------|--------------------------------|-------------------------|
| | Imperial | Metric | Imperial | Metric |
| Density | 51.0 lbs/ft ³ | 820 Kg/m ³ | N/A | N/A |
| Moisture Content | N/A | N/A | N/A | N/A |
| Thickness Tolerance | ± 0.005" | ± 0.125mm | ± 0.005" | ± 0.125mm |
| Modulus Of Rupture | >6,000 psi | >41.3 N/mm ² | 4,050 psi | 27.9 N/mm ² |
| Modulus of Elasticity | > 600,000 psi | >4133.3 N/mm ² | 405,000 psi | 27.92 N/mm ² |
| Internal Bond | >185 psi | >1.28 N/mm ² | 117 psi | 0.81 N/mm ² |
| Linear Expansion Limit | ≤ 0.25% | ≤ 0.25% | ≤ 0.33% | ≤ 0.33% |
| Face Screw Hold > .375" (9.5mm) | 275 lb _r | 1,223 N | 270 lb _r | 1,201 N |
| Edge Screw Hold > .025" (16mm) | 325 lb _r | 1,446 N | 225 lb _r | 1,000 N |
| Length / Width Tolerance | ± 0.07" | ± 1.8mm | ± 0.08" | ± 2.0mm |
| Thickness Swell | < 0.065" | <1.65mm | 0.065" | 1.65mm |
| CARB 2 Formaldehyde Emission Limit, thickness > 8mm* | ≤ 0.11 ppm | ≤ 0.11 ppm | ≤ 0.11 ppm | ≤ 0.11 ppm |

See the [Material Safety Data Sheet](#) (MSDS) for further product content information

PACKAGING SPECIFICATIONS

| <u>Thickness (in)</u> | <u>Thickness (mm)</u> | <u>Pcs. Per Unit</u> <u>8', 9' and 10'</u> | <u>Approximate Shipping Weight</u> | |
|-----------------------|-----------------------|---|------------------------------------|---------------|
| | | | <u>lbs/msf</u> | <u>kg/msf</u> |
| 0.7500 | 19.1 | 38 | 3550 | 1610 |
| 1.0000 | 25.4 | 28 | 4380 | 1987 |

Standard panel widths: 48", 49", 60", 61"

Lengths: 73", 96", 97", 109", 121"

Unless otherwise agreed upon between buyer and seller, specifications for Plum Creek MDF Products will be based solely on the Plum Creek specifications in effect at the time the Products were manufactured. No other implied representations or warranties are made. Except as otherwise provided in a separate written warranty agreement to the buyer, there are no warranties of merchantability or fitness for a particular purpose. These products are intended for interior use only. Please refer to your order acknowledgement for further terms and conditions of sale.