

Specifications for High Density Machining Grade Products

Weyerhaeuser 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.

Weyerhaeuser Glacier Green™ Meets the Following:

- Fiber sourcing requirements of the [Sustainable Forestry Initiative®](#) (SFI)
- [EPA TSCA Title VI & CARB ATCM 93120](#)
- The Eco-Certified Composite ([ECC](#)) Standard 4-11
- [LEED®](#) credit support under LEED 2009 and LEED v4
- The ICC/ASHRAE 700 – 2015 National Green Building Standard
- [Green Globes® Rating System](#)



| | Average Physical Properties | | ANSI A208.2-2016 | 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 |
| EPA TSCA Title VI Emission Limit: Thickness > 8mm * | ≤ 0.11 ppm | ≤ 0.11 ppm | ≤ 0.11 ppm | ≤ 0.11 ppm |

See the [Safety Data Sheet \(SDS\)](#) for further product content information.

PACKAGING SPECIFICATIONS

| Thickness (in) | Thickness (mm) | Pcs. Per Unit 8', 9' and 10' | Approximate Shipping Weight | |
|----------------|----------------|---------------------------------|-----------------------------|--------|
| | | | lbs/msf | kg/msf |
| 0.375 | 9.5 | 63 | 1650 | 749 |
| 0.500 | 12.7 | 56 | 2300 | 1044 |
| 0.625 | 15.9 | 44 | 2790 | 1267 |
| 0.7500 | 19.1 | 36 | 3550 | 1610 |
| 1.0000 | 25.4 | 28 | 4380 | 1987 |

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

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

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