

Specifications for Light Density (LDF) Products

Plum Creek Light Density Fiberboard products are ideal for molding and millwork applications where high processing throughput speeds and finely detailed profiles are required.

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 130-F11 | |
|---|-----------------------------|---------------------------|--------------------------------|--------------------------|
| | Imperial | Metric | Imperial | Metric |
| Density | 45.0 lbs/ft ³ | 724 Kg/m ³ | N/A | N/A |
| Moisture Content | 5.50% | 5.50% | N/A | N/A |
| Thickness Tolerance | ± 0.005" | ± 0.125 mm | ± 0.005" | ± 0.125mm |
| Modulus Of Rupture | 3,500 psi | 24.1 N/mm ² | 3,130 psi | 21.6 N/mm ² |
| Modulus of Elasticity | 427,000 psi | 3,448.3 N/mm ² | 313,000 psi | 2160.0 N/mm ² |
| Internal Bond | 110 psi | 0.76 N/mm ² | 78 psi | 0.54 N/mm ² |
| Linear Expansion Limit | ≤ 0.3% | ≤ 0.3% | ≤ 0.33% | ≤ 0.33% |
| Face Screw Hold | 231 lb _f | 1,027 N | 222 lb _f | 988 N |
| Edge Screw Hold (≥ .375") | 207 lb _f | 921 N | 177 lb _f | 787 N |
| Length / Width Tolerance | ± 0.07" | ± 1.8mm | ± 0.08" | ± 2.0mm |
| Thickness Swell (≤ 15mm) | 0.05" | 1.3mm | 0.065" | 1.65mm |
| Thickness Swell (> 15mm) | 6% | 6% | 11% | 11% |
| 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

| Thickness (in) | Thickness (mm) | Pcs. Per Unit | Approximate Shipping Weight | |
|----------------|----------------|----------------|-----------------------------|--------|
| | | 8', 9' and 10' | lbs/msf | kg/msf |
| 0.3540 | 9.0 | 66 | 1430 | 649 |
| 0.3750 | 9.5 | 72 | 1500 | 680 |
| 0.4375 | 11.1 | 60 | 1680 | 762 |
| 0.4720 | 12.0 | 60 | 1850 | 839 |
| 0.5000 | 12.7 | 56 | 1990 | 903 |
| 0.5510 | 14.0 | 52 | 2235 | 1014 |
| 0.5625 | 14.3 | 48 | 2280 | 1034 |
| 0.5910 | 15.0 | 48 | 2400 | 1089 |
| 0.6250 | 15.9 | 44 | 2530 | 1148 |
| 0.6690 | 17.0 | 40 | 2710 | 1229 |
| 0.6875 | 17.5 | 40 | 2740 | 1243 |
| 0.7090 | 18.0 | 40 | 2880 | 1306 |
| 0.7500 | 19.1 | 38 | 3040 | 1379 |
| 0.8750 | 22.2 | 32 | 3530 | 1601 |
| 0.9060 | 23.0 | 30 | 3680 | 1669 |
| 1.0000 | 25.4 | 28 | 4060 | 1842 |
| 1.1250 | 28.6 | 24 | 4575 | 2075 |
| 1.1810 | 30.0 | 24 | 4780 | 2168 |
| 1.1875 | 30.2 | 24 | 4790 | 2173 |
| 1.2500 | 31.8 | 20 | 5065 | 2297 |
| 1.5000 | 38.1 | 18 | 5500 | 2495 |

Standard panel width: 61"

Lengths: 85", 97", 121", 169", 193", 205"

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