



Specifications for Ultra-Core™ HDF Products

Plum Creek's Ultra-Core™ HDF features High Density Fiberboard surfaces (HDF) fused to a solid core of Structural-1 Industrial Grade Softwood Plywood. The result is a light-weight panel that offers industry-leading structural strength and excellent finishing characteristics:

- Smooth unblemished surfaces for defect-free lamination, wet-coating and hot-press veneering
- Uniform machining results and precise thickness tolerance
- Exceptional fastener and screw-holding strength
- Specialty formulation available for melamine lamination
- Low-emitting formulation available for [CARB](#) (California Air Resources Board), [LEED®](#) and [HUD](#) compliance.
- [LEED®](#) credits for recycled content available for panels meeting the 10% requirement and for regional materials
- Meets [NAHB Model Green Home Building Guidelines™](#) credit supports 2.4.1, 2.6.1, 2.6.2, 2.8.1, 5.1.5
- Meets [Green Globes™ System](#) credit support E2

	Average Physical Properties	
	Imperial	Metric
Thickness Tolerance	± 0.005"	± 0.125 mm
Face Screw Hold	419 lbf	1,864 N
Plywood Core Screw Hold	414 lbf	1,841 N
MOR Parallel to Long Edge	6,790 psi	46.8 N/mm ²
MOR Perpendicular to Long Edge	4,900 psi	33.8 N/mm ²
MOE Parallel to Long Edge	965,000 psi	6,655.0 N/mm ²
MOE Perpendicular to Long Edge	866,900 psi	5,979.0 N/mm ²

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

PACKAGING SPECIFICATIONS

Thickness (in)	Thickness (mm)	Pcs. Per Unit	Approximate Shipping Weight	
			lbs/msf	kg/m ³
.4375"	11.1	60	1,670	740
.5000"	12.7	60	1,925	740
.5625"	14.3	50	2,100	740
.6250"	15.9	50	2,360	740
.6875"	17.5	40	2,640	740
.7500"	19.0	40	2,720	700
1.000"	25.4	30	3,335	650
1.1250"	28.6	26	3,920	650
1.2500"	31.8	24	4,350	650

Standard panel widths: 49"

Lengths: 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.

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