

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
- Glacier Clear™ HDF faces contain no-added formaldehyde resins
- Uniform machining results and precise thickness tolerance
- Exceptional fastener and screw-holding strength
- Specialty formulation available for melamine lamination
- Meets fiber sourcing requirements of the [Sustainable Forestry Initiative \(SFI\)](#)
- [LEED](#)®* credit support for New Construction and Major Renovations
- Meets [Green Globes® System](#) Green Building Initiative 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

<u>Thickness</u> (in)	<u>Thickness</u> (mm)	<u>Pcs. Per Unit</u>	Approximate Shipping Weight	
			<u>lbs/msf</u>	<u>kg/msf</u>
.4375	11.1	60	1670	760
.5000	12.7	60	1925	875
.5625	14.3	50	2100	955
.6250	15.9	50	2360	1070
.6875	17.5	40	2500	1135
.7500	19.0	40	2720	1235
1.000	25.4	30	3335	1515
1.1250	28.6	26	3920	1780

Standard panel widths: 49"

Lengths: 97", 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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