

# Solidium™

## DIMENSIONS

**Thicknesses:** 3/16" - 1"  
**Widths:** To five feet  
**Lengths:** To sixteen feet



## A Superior Choice For Consistency And Value

Solidium™ is the cornerstone of the MDF product line from Del-Tin Fiber and is ideal for table tops, contoured door panels and drawer fronts as well as other profiled components requiring precision part manufacturing. Highly refined fibers and a consistent core provide excellent machinability and clean, sharp edges for cutting and drilling applications. Solidium also delivers all the surface characteristics for outstanding finishing results. Smooth and even surfaces provide an excellent substrate for painting, printing or the application of veneers and laminates while machined edges accept edge-banding reliably. Solidium consistently delivers a solid performance from start to finish.

### Physical Properties<sup>1</sup>

Minimum Panel Averages <sup>2</sup>	≤ 3/8"	> 3/8" to < 1/2"	1/2" to 3/4"	> 3/4"
IB - Internal Bond (psi)	110	100	90	85
MOR - Modulus of Rupture (psi)	4,050	4,050	4,050	4,050
MOE - Modulus of Elasticity (ppsi)	405	405	405	405
Face Screw Hold (lbs)	NA	NA	250	250
Edge Screw Hold (lbs)	NA	NA	225	225
Thickness Swell (max)	.087"	15%	15%	15%

### TOLERANCES

Length & Width (for each panel) ± 1/16"  
 Squareness (per 1 ft. of length) ± 1/64"  
 Straightness (per 2 ft. of length) ± 1/64"  
 Thickness (within panel) ± 0.005"  
 Thickness (panel to panel) ± 0.005"

1. Complies to ANSI A208.2-2009 2. Test Method ASTM D1037-06A

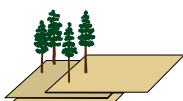
### Environmental

#### ECC & CARB COMPLIANCE

The Composite Panel Association (CPA) has certified the El Dorado, Arkansas, manufacturing facility of Del-Tin Fiber, LLC to be in compliance with the requirements of CPA ECC 4-11 for Eco-Certified Composites and the California Air Resources Board (CARB) Airborne Toxic Control Measure 93120. Solidium MDF exceeds the standards for CARB Phase 2 compliance. For more information, visit our website.

#### ECC & CARB COMPLIANCE

Solidium MDF can also contribute toward credits in popular green building programs such as LEED, Green Globes and NAHB. For more information, visit our website.



**Del-Tin Fiber**  
 A Subsidiary of Deltic Timber Corporation

Additional Information: (936) 699-1800 | [www.deltinfiber.com](http://www.deltinfiber.com)

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