

Uni-Cor ST Lite

Description

Custom Door Components **Uni-Cor ST Lite** Particleboard Door Core is an engineered, low-density product specifically designed for many different applications. Both panel faces can be sanded to meet the exacting thickness requirements of solid core doors or other products.

Uses

Uni-Cor ST Lite Particleboard Door Core is a lightweight core material for use in solid core wood or plastic-faced, wood framed doors. Other applications include core for veneered desktops, area dividers panels, case parts and drafting boards.

Features/Customer Benefits

Uniform thickness: Allows precision fit with stiles and rails.

Panels available sanded or unsanded: Allows for precision thickness control.

Superior bonding: Bonds well with all common glues.

Superior physical properties: Provides full support for cutouts at light and louver openings.

Resists warping: Provides superior dimensional stability.

Cut-to-size availability: Matches most door sizes required.

Broadest selection of thicknesses: Available from 11/8" to 21/4" to match most door sizes required.

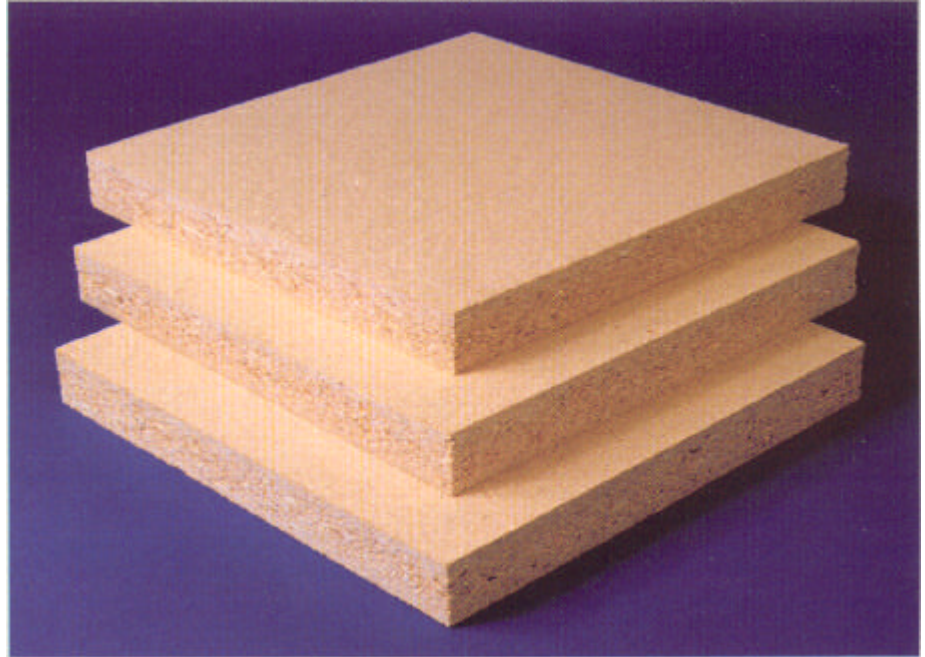
Custom unitizing available: Matches different equipment requirements.

Just-in-time delivery schedules: Offered for customers who require short lead times.

Ideal for loose-layup or drop-in core applications.

Service

Custom Door Components can design, engineer and produce **Uni-Cor ST Lite** Particleboard Door Core using our state-of-the-art facility in Marshfield, Wisconsin. Our centralized location provides you with short delivery time, and our inside sales staff provides the most prompt and concerned service available. **For more information, please call toll free 1-800-826-4020 or (715) 486-2404, or write: Custom Door Components, 1401 East 4th Street, Marshfield, Wisconsin 54449. Visit our website at www.customdoorcomponents.com.**



Specifications

Most sizes are available in single-piece panels. Edge-gluing is available. **Uni-Cor ST Lite** is typically used by residential door manufacturers that do not bond stiles and rails to the core prior to applying faces.

Sizes/Thicknesses

Thickness (inches)	Standard and special thicknesses up to 2-1/4"
Finished Mat Size	83 x 109, cut-to-size available
Thickness Tolerance	+/- .005" average thickness from target thickness
Length/Width Tolerance	+/- 1/16"
Squareness Tolerance	1/32" per foot of panel width

Target Physical Properties *

Modulus of Rupture	435 psi	(3.0N/mm ²)
Modulus of Elasticity	80,000 psi	(552 N/mm ²)
Internal Bond	15 psi	(0.10N/mm ²)
Screw Holding – Face	90 lbs.	(400 N)
Density	28-32 lbs.cu. ft., specialized densities available (449-513 kg/M ³)	

* Values listed are representative of our average production. Custom Door Components can specifically engineer products to meet your exact needs.