

Uni-Cor ST

Description

Custom Door Components **Uni-Cor ST** Particleboard Door Core is an engineered core 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

Custom Door Components **Uni-Cor ST** 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.

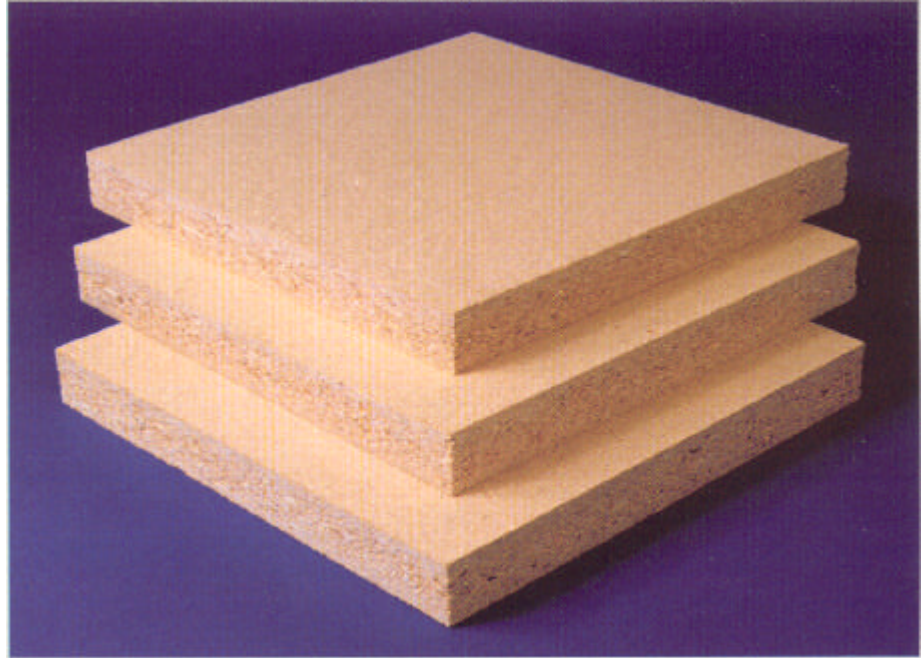
Custom unitizing available: Matches different equipment requirements.

Ideal for glued stiles and rails.

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

Service

Custom Door Components can design, engineer and produce **Uni-Cor ST** 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** is typically used by door manufacturers to meet WDMA I.S. 1-A -2004 requirements.

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	725 psi	(5.0N/mm ²)
Modulus of Elasticity	150,000 psi	(1034 N/mm ²)
Internal Bond	25 psi	(0.17N/mm ²)
Screw Holding – Face	125 lbs.	(556 N)
Density	32 lbs.cu. ft., specialized densities available (513 kg/M ³)	

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