

Uni-Cor FR 45

Description

Custom Door Components **Uni-Cor FR 45** Particleboard Door Core is an engineered wood core specifically designed for manufacturing 45 minute neutral and positive pressure fire doors. Both panel faces can be sanded to meet the exacting thickness requirements of solid core doors or other products. This core is available as an individual item or as a ready-to-assemble kit with Intertek Testing Services (ITS) or Underwriters Laboratories (UL) approved stiles and rails.

Uses

Custom Door Components **Uni-Cor FR 45** Particleboard Door Core is designed for use in solid core wood or plastic-faced, wood framed doors to meet the requirements for both positive and neutral pressure fire tests, UBC 7-2 (1997), UL 10B (1998), NFPA 252 (1999), and CAN4 S104 (1985) including the hose stream.

Features/Customer Benefits

Uniform thickness: Allows precision fit with stiles and rails.

40# Density: Eliminates the need for inner blocking for surface mounted hardware

Wood Based Particleboard: Can use regular woodworking equipment, adhesives and process flow.

Not brittle or easy to break: Reduced waste, easy to use.

Meets 45 minute fire rating for a wide variety of applications: Reduced number of inventory items.

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

Excellent screwholding capability: Meets EHD standards without having to stock additional items.

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.

Specifications

Most sizes are available in single-piece panels. Edge-gluing is available. **Uni-Cor FR 45** is typically used by architectural door manufacturers with bonded stiles & rails to meet UBC 7-2 (1997), UL 10B (1998), NFPA 252 (1999), and CAN4 S104 (1985) including the hose stream.

Sizes/Thicknesses

Thickness (inches)	Nominal 1-1/2" (1-3/4" finished door)
Finished Mat Size	83 x 109, cut-to-size available
Thickness Tolerance	+/- .005" average from target
Length /Width Tolerance	+/- 1/16"
Squareness Tolerance	1/32" per foot of panel width

Service

Custom Door Components can design, engineer and produce **Uni-Cor FR 45** 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.

Intertek Testing Services & Underwriters Laboratories Approvals

Single Swing Doors	up to 4'0" wide by 8'0" high
Standard Pair Doors	up to 6'0" wide by 7'0" high
Double Egress Doors	Not allowed

Many hardware and light opening approvals are complete and more are in-process. Contact us for the latest list of approvals.

