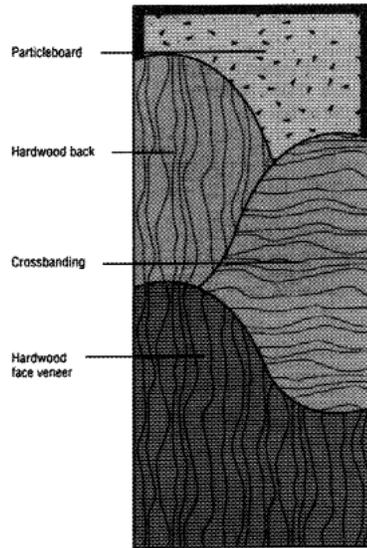


PC-7 FD 1/3 Hour Door



Algoma Hardwoods, Inc. PC-7 is a commercial door made with particleboard core and skins.

Solid lumber outer stiles along with Structural Composite Lumber (SCL) rails and inner stiles, are glued to the core prior to cold pressing a 3-ply skin each side of the core at ambient air temperature.

Algoma Hardwoods, Inc uses only the better of two grades of door core particleboard conforming to ANSI Standard A208.1-1989, Grade LD-1.

Algoma Hardwoods, Inc. uses only skins with face veneers at least .020" (0.5mm) thick at 12% moisture content.

Product Features

Thickness	1 3/4" (44mm) available FD 1/3 hour labeled.
Maximum size	Available prefit up to 4'0" x 8'0" (1219 x 2743mm), 8'0" x 8'0" pairs.
Stiles (Edge bands)	1 3/8" (35mm) prior to factory trimming, glued to core. Alternates: ME—matching edges or CE—compatible edges.
Top & bottom rails	1 3/8" (35mm) prior to factory trimming, glued to core; Structural Composite Lumber (SCL).
Core	Conforms to ANSI A208.1-1989, GRADE LD-1 covering mat-formed particleboard.
Faces	Skins 0.10" (2.5mm) of several veneer species. Faces shall be a minimum of .020" (0.5mm) at 12% moisture content.
Adhesives	Type II (interior).
Veneer matching	Available in pairs.
Details	Standard lites and louvers available not to exceed 40% of door area or 54" (1372mm) in length. Maximum glass opening on FD 1/3 hour doors is 1,296 sq. in. (0836m ²) with wood beads and clips or metal vision panels. Applied mouldings also available.
Machining	Available with hinge and lock machining as well as other hardware.
Finishing	Available in 8 standard colors, and clear.
Warranty	For interior, limited lifetime warranty. Exterior not warranted.
Standards met or exceeded	WDMA I.S. 1-A Series, WOOD FLUSH DOORS, AWI Section 1300.

PC-7 FD 1/3 Hour Door

FEATURE	WHI LABEL
Maximum opening size	Singles: 4'0" x 8'0" (1219 x 2438mm). Pairs: 8'0" x 8'0" (2438 x 2438mm).
Faces	Rotary Natural Birch, Sliced Red Oak, Paint Grade Birch, Rotary White Birch
Stiles (Vertical Edges) and rails	1 1/8" (35mm) mill option stiles. All doors have either matching or mill option outers. Up to 12 1/2" (318mm) bottom rails allowed.
Maximum wood veneered beaded lite	1296 sq. inches (0.836m ²). Maximums: 30" (762mm) width, 54" (1372mm) length
Maximum metal vision panel (Visible lite)	1296 sq. inches (0.836m ²). Maximums: 30" (762mm) width, 54" (1372mm) length
Maximum fusible link louver size (Not allowed with vision panel or exit devices)	Not allowed.
Hinges	Ball bearing steel mortised, half or full surfaced 4 1/2" x 4 1/2" x .134" (114.3 x 114.3 x 3.4mm) to 10'0" (3048mm). UL listed spring hinges 4 1/2" x 4 1/2" x .134"
Locksets	All listed cylindrical, mortised, unit, and hospital push/pull to 5" (127mm) backset. Unit locks only available with 2 3/4" (70mm) backset.
Pivots	Top, intermediate & bottom must be listed offset. Rixon's #180, 280, 380, 480, FM19, 219, T117, T117 1/4, or equal. Others as approved.
Closers	UL listed surface type.
Fire Exit Hardware (Allowed with vision panel if non-interfering)	Singles: Mortised, rim or surface vertical rods. Pairs: Rim (with mullion) or surface vertical rods. Double egress allowed.
Other pair hardware	Listed surface or mortised door bolts. Manual, self-latching or automatic as codes allow.

Maximum trim: 3/4" (19mm) in the field.

Additional trim: Can be up to 11 1/2" (292mm) if door is ordered with 12 1/2" (318mm) bottom rail. Maximum undercut, 3/4" (19mm).

Door Bottoms: Any listed surface or concealed.

Viewers: WHI up to 1" (25mm); UL up to 1/2" (12.7mm).

Astragals and edge guards: Must be supplied and cut for hardware under label service.

Wood Frames: FD 1/3 Hour doors can be installed with 1/3 hour wood frames.

Electric Raceway: Available with label on all doors.