

# C/S Acrovyn® Doors

Acrovyn  
Bonded Particleboard Core  
5-Ply Construction  
Non-Rated

C/S Interior Flush  
Wood Door  
**PC5-NR**

## Simply the Most Durable Door

- Acrovyn Doors will not tear, chip, or crack. Key to the doors durability is the rugged Acrovyn face and edge material.
- Acrovyn is 5 times as abrasion resistant as wood and twice as resistant as HPL.
- Integrated Acrovyn or stainless steel radiused edge guards wrap around both door stiles to provide the ultimate damage protection.
- If ever damaged, the Acrovyn Door's edge guards & stiles can be easily replaced in the field for a longer door life.

## Acrovyn Face & Edge Finish Options

- Nineteen standard woodgrain & metal Chameleon Acrovyn finishes available in a smooth suede texture
- Sixty four standard Acrovyn solid colors
- Stainless steel edges available in 20 GA type 304, #4 finish

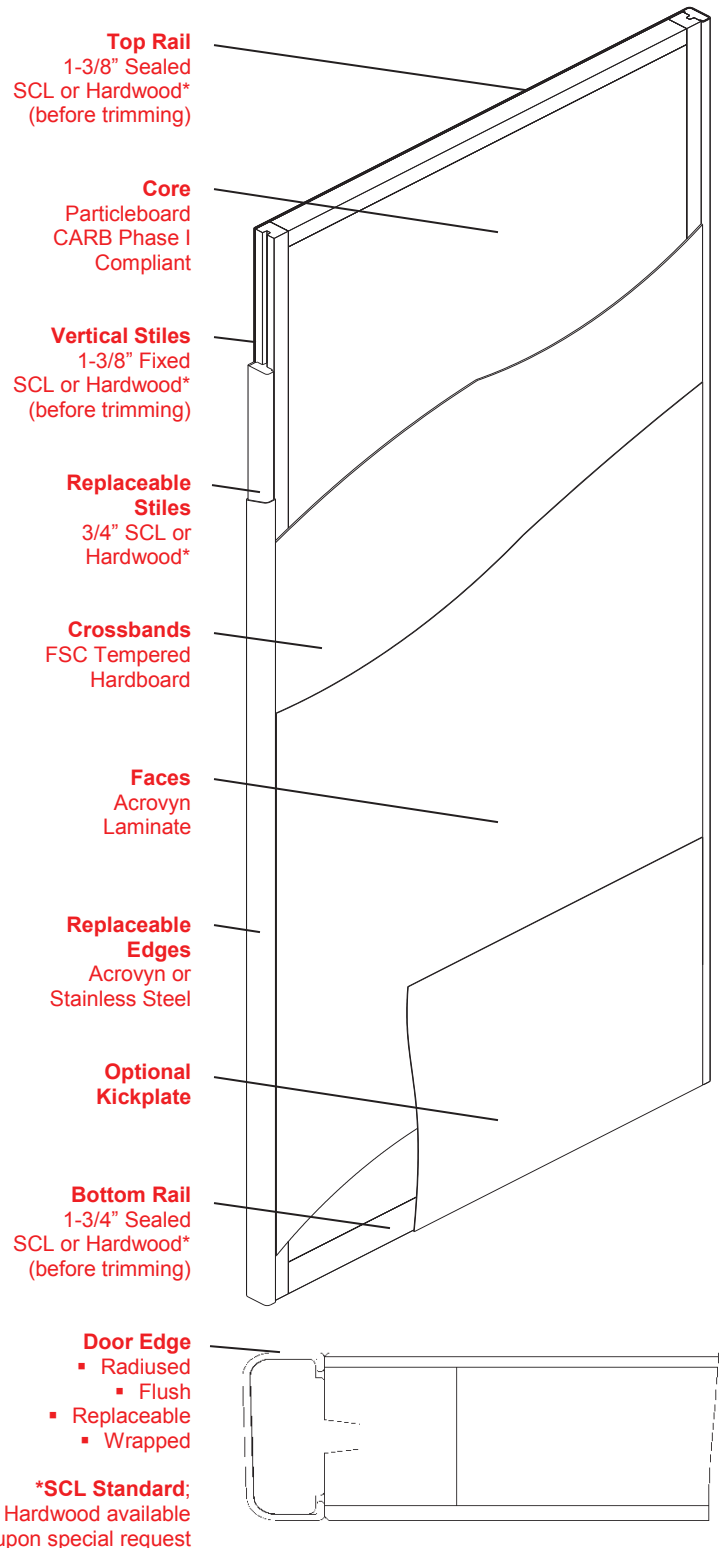
## Technical Data

- Standards: WDMA I.S. 1-A Extra Heavy Duty Door
- Lights & Louvers: Cutouts, vision kits, and louvers available
- Premachining available for all mortise hardware from manufacturer's templates & approved shop drawings
- "S" Label: Category H seal must be applied to frame
- Warranty: Limited Lifetime

## LEED Contributions v 3.0

Materials and Resources Credits	
MR 4 Recycled Content	X
MR 6 Rapidly Renewable	
MR 7 Certified Wood	
Indoor Environmental Quality Credits	
IEQ 4.4 No added Urea Formaldehyde	

**U.S. Patents:** 7,621,102; 7,587,876; 7,775,013 B2.  
**U.S. Design Patents:** D512 785S; D515 713S; D517 224S;  
D517 701S; D518 185S.



## Engineering Specifications & Hardware Options

PC5 Non-Rated Core Data	Single Swing	Pair or Double Egress
<b>Core Type and Standards</b>	Particleboard: ANSI A208.1 grade LD-2 (32 lb/ft <sup>3</sup> )	
	Complies with CARB Phase I Emission Standards section 93120.2 (a)	
<b>Maximum Sizes</b>	4' 3" x 9' 0"	8' 6" x 9' 0"
<b>Protection Plates</b>	Up to 48" x 48"	
<b>Door Thickness</b>	1-3/4" (+/- 1/16")	
<b>Weight</b>	6.39 lb/ft <sup>2</sup> for a 3'0" x 7'0" door	
<b>Crossbands</b>	1/8" FSC tempered hardboard	
<b>Reinforcement</b>	Available upon request: 5" Top, 5" bottom, and center blocking	
<b>Assembly Adhesive</b>	Face: Type I (waterproof); Core: Type II (water-resistant)	
<b>Clearances</b>	Pre-fit clearances of 1/8" at the top, 1/8" at the stiles, and 3/8" at the bottom	
<b>Replaceable Stiles</b>	3/4" Field replaceable SCL or hardwood stiles , 1/8" in 2" bevel	
<b>Edge Guards</b>	Field replaceable Acrovyn and/or 20 GA #4 finish stainless steel	
<b>Lights</b>	Sizes by specification within warranty; 5" from edges, 1-1/2" from lockset or cutout	
<b>Light Kit Availability</b>	Wood beads; metal, veneer wrapped metal or Acrovyn vision panels	
<b>Louvers</b>	Up to 24" x 24"; 10" from bottom edge and 1-1/2" from lockset or additional cutout	
<b>Electronic Power Transfer/Electronic Hinge</b>	Available	
<b>Wire Chase</b>	Available	
<b>Viewers</b>	Available	
<b>Hinges</b>	Mortised, surface and continuous hinges	
<b>Locks</b>	Cylindrical and mortise types	
<b>Exit Devices</b>	Surface mounted vertical rod, surface mounted rim type, and mortised exit devices	
<b>Less Bottom Rods</b>	Available	
<b>Flush bolts Top/Bottom for Inactive Leafs</b>	Surface mounted or automatic and manual flush bolts	
<b>Concealed Vertical Rod</b>	Available	
<b>Closing Devices</b>	Mortised or surface mounted	
<b>Automatic Door Bottoms</b>	Surface mounted or mortised door bottom	
<b>Pivots</b>	Center hung pivots available; offset pivots with intermediate pivots hinge available	

### Performance Attributes

- **Cycle Slam:** Extra Heavy Duty per WDMA TM-7, 1990 - 2,000,000 cycles, 100% more than the WDMA requirement
- **Hinge Loading:** Extra Heavy Duty per WDMA TM-8, 1990
- **Screw Holding:** Extra Heavy Duty per WDMA TM-10, 1990
- **Door Finish Wear Index:** Abrasion Resistance Testing - ASTM D4060-90
- **Door Finish Chemical Resistance Testing:** ASTM D1308-93
- **Door Finish Impact Resistance:** ASTM D-4226
- **Stain Resistance/Cleanability:** ASTM D-1308-93 - Common stains easily removed
- **Resistance to Fungi:** ASTM G-21-96 - Zero fungal growth
- **Resistance to Bacteria:** ASTM G-22-96 - Zero bacterial growth

