

C/S Acrovyn® Doors

**Acrovyn
Bonded FSC Particleboard
5-Ply Construction
20 Minute Rated**

**C/S Interior Flush
Wood Door
FSC PC5-20PP**

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

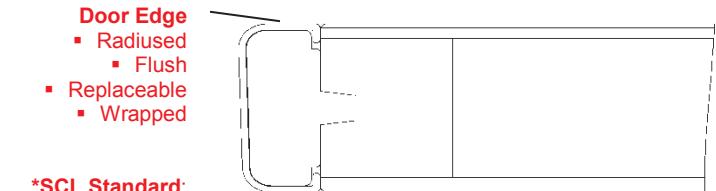
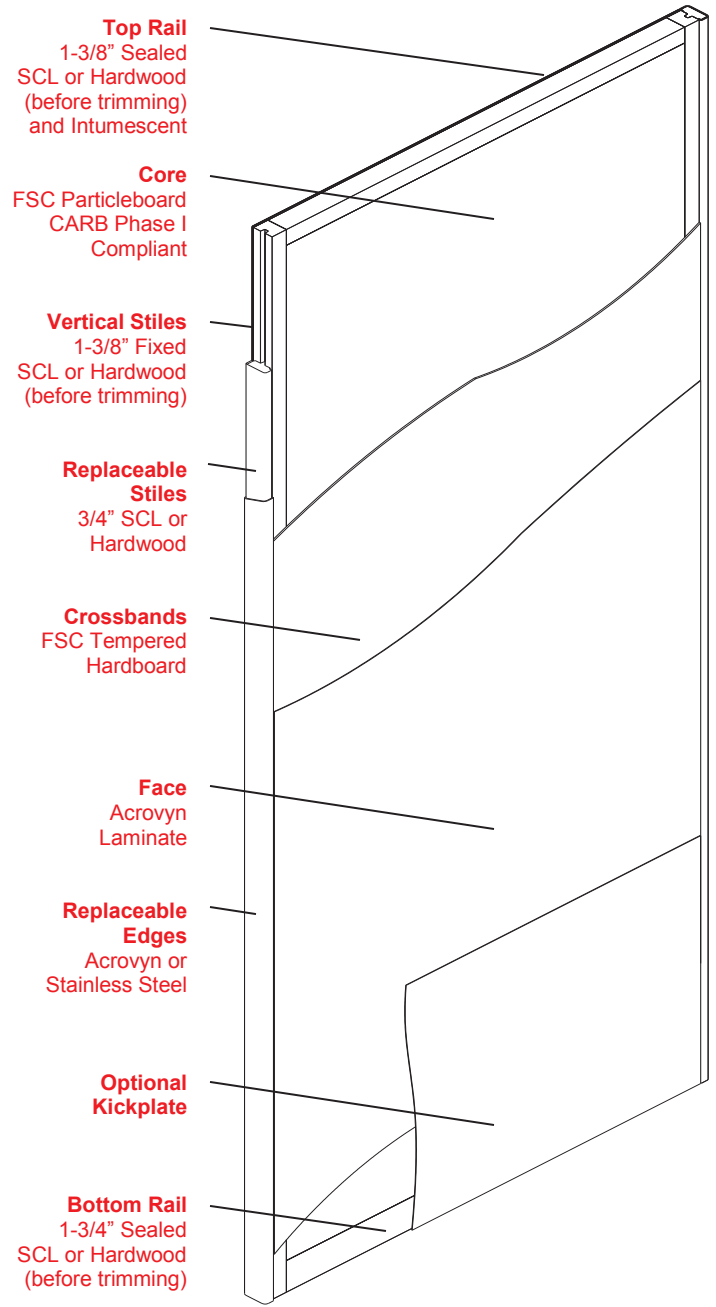
- Nineteen standard woodgrain & metal Chameleon Acrovyn finishes available in a smooth suede texture
- Sixty four standard Acrovyn solid colors
- Stainless steel edges available in 20 GA type 304, #4 finish

Technical Data

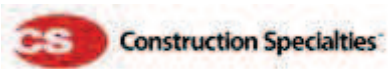
- Standards: WDMA I.S.1-A Extra Heavy Duty Door
- Lights & Louvers: Cutouts, vision kits, and louvers available
- Premachining available for all mortise hardware from manufacturer's templates & approved shop drawings
- "S" Label: Category H seal must be applied to frame
- Warranty: Limited Lifetime

LEED Contributions		v 3.0
Materials and Resources Credits		
MR 4 Recycled Content		X
MR 6 Rapidly Renewable		
MR 7 Certified Wood		X
Indoor Environmental Quality Credits		
IEQ 4.4 No added Urea Formaldehyde		X

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.



***SCL Standard;**
Hardwood available
upon special request



Engineering Specifications & Hardware Options

FSC PC5-20PP Core Data	Single Swing	Pair or Double Egress
Core Type and Standards	FSC certified particleboard: ANSI A208.1 grade LD-2 (32 lb/ft ³)	
	Complies with CARB Phase I Emission Standards section 93120.2 (a)	
Maximum Sizes	4' 3" x 8' 0"	8' 0" x 8' 0"
Protection Plates	Up to 48" x 48"	
Door Thickness	1-3/4" (+/- 1/16")	
Weight	6.39 lb/ft ² for a 3'0" x 7'0" door	
Fire Door Testing Standards	UBC 7-2 1997, UL-10C 1998, CAN/ULC S104, and NFPA 252 1999	
Crossbands	1/8" FSC tempered hardboard	
Reinforcement	Available upon request: 5" Top, 5" bottom, and center blocking	
Assembly Adhesive	Face: Type I (waterproof); Core: Type II (water-resistant)	
Clearances	Pre-fit clearances of 1/8" at the top, 1/8" at the stiles, and 3/8" at the bottom	
Replaceable Stiles	3/4" Field replaceable SCL or hardwood stiles , 1/8" in 2" bevel	
Edge Guards	Field replaceable Acrovyn and/or 20 GA #4 finish stainless steel	
Lights	Up to 1296 in ² , 5" from any edge, and 1-1/2" from any lockset or additional cutout	
Light Kit Availability	Wood beads/clips; listed and labeled metal, metal veneer or Acrovyn vision panels	
Louvers	Not available	
Electronic Power Transfer/Electronic Hinge	Available	
Wire Chase	Available	
Viewers	Listed viewers	
Hinges	Mortised, surface and continuous hinges	
Locks	Cylindrical and mortise types	
Exit Devices	Surface mounted vertical rod, surface mounted rim type, and mortised exit devices	
Less Bottom Rods	Less bottom rod available with fire latch	
Flush bolts Top/Bottom for Inactive Leafs	Surface mounted or automatic and manual flush bolts	
Concealed Vertical Rod	Available	
Closing Devices	Mortised or surface mounted	
Automatic Door Bottoms	Surface mounted or mortised door bottom	
Pivots	Offset pivots with intermediate pivot hinge available - Center hung not allowed	

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

