

c|sacrovyn®doors

indestructible?



What will your doors look like

Conventional doors don't stand up to daily abuse

Doors in hospitals, schools, and many offices are subjected to more damage than any other building component. Over time, standard wood and laminated doors become unsightly messes requiring constant repair or replacement.

Enter Acrovyn, Exit Damage

The Acrovyn Door System was designed to look good on day one and to continue to look new for years to come. Key to the door's durability is the rugged Acrovyn material that's laminated to the faces of our door. Acrovyn is designed to take constant daily abuse and has proven itself in tens of thousands of hospitals and schools for the past 35 years.

Complete Line of Products

Choose from non-rated, 20, 45, 60 and 90-minute fire rated and lead lined doors in a wide variety of sizes. A variety of vision panels or louvers can be incorporated. See pages 14-15 for a complete list of options, or call us at (800) 972-7214.



If your facility is constantly subjected to daily abuse from rolling equipment, then the Acrovyn door is for you.

in six months?



The Truth About Bacteria

Ten years ago the Institute of Healthcare Improvements (IHI) launched the 100K Lives Campaign to reduce the amount of deaths in American hospitals that were contributed to mistakes and post-surgery infections. Nationwide hospital infections are the eighth leading cause of death. Bacterial infections can be passed from almost anything to a patient. Damaged, split, and chipped doors represent a potential health hazard by acting as a breeding ground where bacteria can reside.

Not with C/S Acrovyn® Doors!

“Acrovyn Doors... finally a product that lives up to its reputation.”

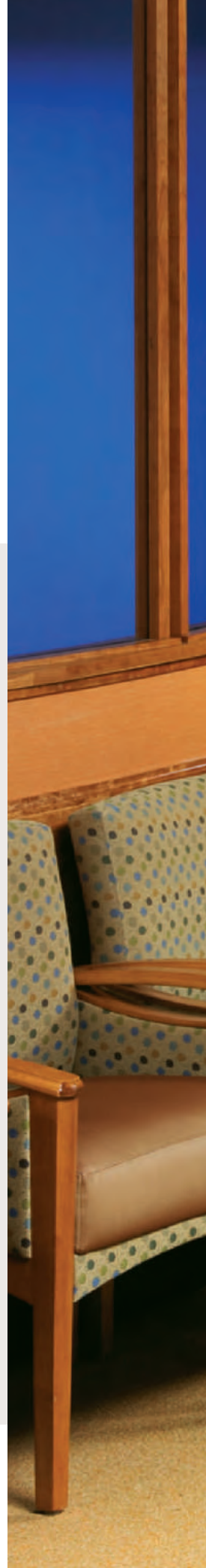
— Blaine Jones, Supervisor of Facilities,
Avera Behavioral Health Center



The Avera Behavioral Health Center is South Dakota’s premier mental health facility. From experience, Avera Behavioral Health Center’s Administrator and facility personnel recognized that **standard wood doors would never hold up** in their facility, and any product requiring **constant repair or replacement would be highly disruptive to their patients**. Acrovyn Doors were specified throughout Avera Behavioral Health Center and have been in use for over 18 months. Blaine Jones, Supervisor of Facilities, is **“absolutely delighted with the Acrovyn Doors’ performance** at the center. The Acrovyn doors have held up against all kinds of impact at our facility, and are extremely easy to clean.” According to Blaine, “the Acrovyn Doors not only eliminated the typical institutional feel, but they look beautiful even after 18 months.”

Steve Lindquist,
Executive Director

Blaine Jones,
Supervisor of Facilities





Acrovyn® Doors – Rigorously tested to stand up to constant abuse.

Unlike standard wood or high pressure laminate doors, the new Acrovyn Door **will not tear, chip or crack**. Manufactured in our Pennsylvania plant, every Acrovyn Door features **rugged Acrovyn laminate** that's five times as abrasion resistant as wood and **twice as resistant** as HPL. To provide additional protection for a longer door life, the stiles on the Acrovyn Door are **field replaceable if ever damaged**.

Replacing the Acrovyn Door edge is simple.

If ever damaged, the Acrovyn Door's edge guard and secondary stile is easily replaced. See www.c-sgroup.com/door for simple instructions.



Stile & Rail Options

Wood or mineral composite stiles and rails provide screw/fastener holding power.

Removable Primary Stile

Factory Sealed

Top and bottom rails are factory sealed with an approved sealant.

Strength and Rigidity

Tempered hardboard crossbanding adds strength and rigidity to the door.

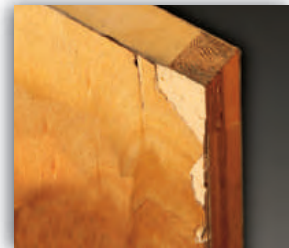
Core Options

Cores are manufactured from particleboard for non-rated and 20-minute fire ratings, or mineral core for 45, 60 and 90-minute ratings.

Simply the Most Durable Door

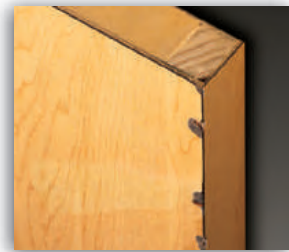
Wood and Laminate doors just can't handle the same abuse as durable Acrovyn. Acrovyn has withstood 35 years of abuse in tens of thousands of hospitals and schools worldwide.

Ram Impact Tests



Wood

At a 3" drop the wood veneer chipped, exposing sharp edges.



HPL

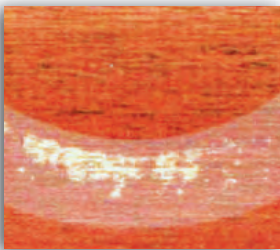
At a 4" drop the HPL laminate chipped, exposing sharp edges.



Acrovyn

At an 8" drop a slight indentation in the Acrovyn occurred.

Wear Tests



Wood

At 1,500 cycles varnished Maple failed.



HPL

At 10,000 cycles wear is clearly evident.



Acrovyn

At 28,000 cycles no wear was evident.

C/S Acrovyn® Doors on the job at a location near you.



- 1 Avera Behavioral Health Center, Sioux Falls, SD - BWBR
- 2 Banner Gateway Medical Center, Gilbert, AZ - Orcutt/Winslow
- 3 Digestive Health Waldon Endoscopy Center, Tacoma, WA - Collins Woerman
- 4 Scottsdale Healthcare, Scottsdale, AZ
- 5 Scottsdale Healthcare, Scottsdale, AZ
- 6 Digestive Health Waldon Endoscopy Center, Tacoma, WA - Collins Woerman
- 7 Avera Behavioral Health Center, Sioux Falls, SD - BWBR
- 8 Banner Gateway Medical Center, Gilbert, AZ - Orcutt/Winslow



To find out how these doors are performing call (800) 972-7214 for references.





Acrovyn® Doors give
you tons of options.



Acrovyn Solid Colors



 Acrovyn 3000 is available in these 26 colors only.  These 28 colors may be subject to longer lead times. Ask about our pre-matched custom colors. Due to limitations of the printing process, colors above may vary. When specifying, obtain color samples by calling factory.

Acrovyn Chameleon Simulated Wood & Metal



372 Classic Maple



377 American Beech



376 Northern Oak



375 Autumn Maple



362 Medium Oak



373 Amber Cherry



385 Royal Oak



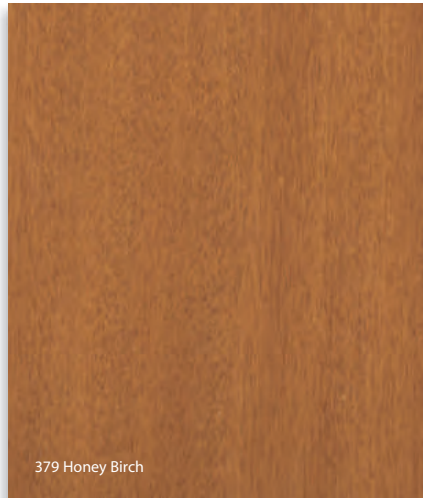
399 Cherry



374 Regal Mahogany



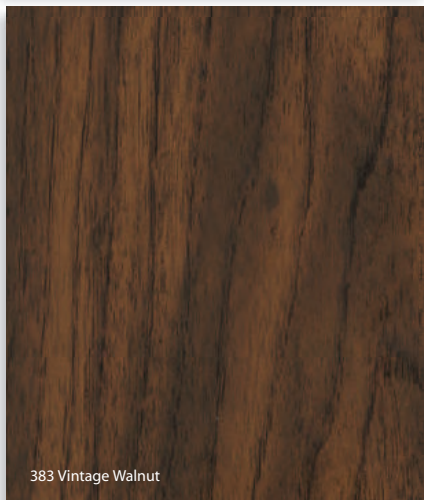
381 Figured Anigre



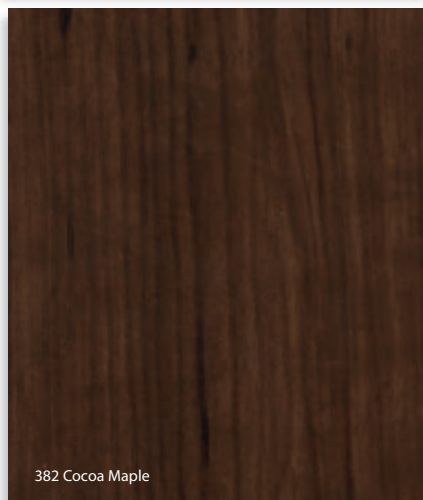
379 Honey Birch



380 Shaker Cherry



383 Vintage Walnut



382 Cocoa Maple

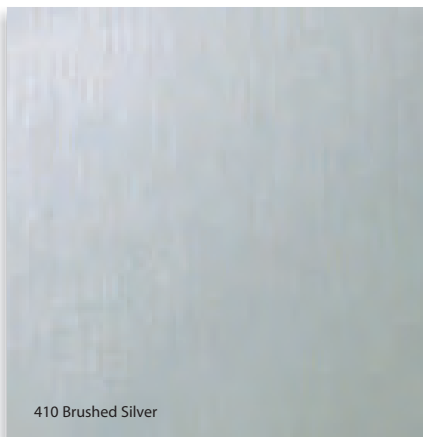


384 Wenge Wood

Acrovyn Chameleon Metal

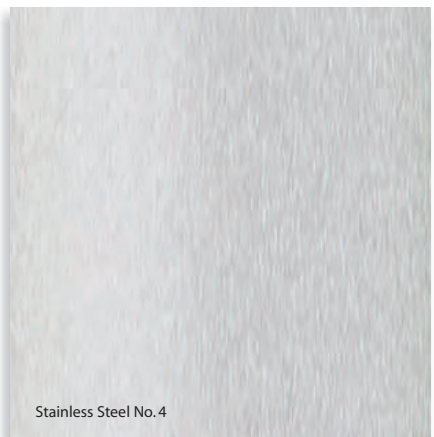


378 Brushed Nickel



410 Brushed Silver

Stainless Steel For Stile Guard Only

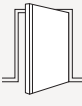
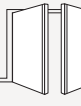


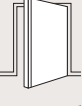



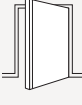

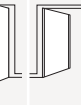



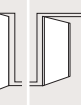



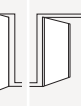






Stainless Steel No. 4

Ask about our pre-matched custom colors. Due to limitations of the printing process, colors above may vary. When specifying, obtain color samples by calling factory.

Product Selection Guide

The Acrovyn Door System features a full line of door products for high abuse areas. The chart below is designed to give a quick overview of the options currently available.

Door Type	Model	Fire Rating	Maximum Door Sizes			Thickness	Core	Replaceable Stile	Fixed Interior Stile	Textures	Cross Banding
			Single	Pair	Double Egress						
Non-Rated	PCS-NR	N/A	 4'3" x 8'	 8'6" x 8'	 8'6" x 8'	1-3/4"	 Particleboard 32 lb/ft ² *	3/4" Wood	1-3/8" Wood (before trimming)	Solid Colors: Pebblette, Suede and Matte Wood Grains: Suede	1/8" tempered hardboard
20 minute	PCS-20PP +S Label	Positive Pressure, Cat A	 4'3" x 8'	 8' x 8'	 8' x 8'	1-3/4"	 Particleboard 32 lb/ft ² **	3/4" Wood	1-3/8" Wood (before trimming)	Solid Colors: Pebblette, Suede and Matte Wood Grains: Suede	1/8" tempered hardboard
45 & 60 minute	FDS-45PP/ FDS-60PP	Positive Pressure, Cat A	 4' x 8'	 8' x 8'	 8' x 8'	1-3/4"	 Mineral	3/4" Mineral composite/ wood with intumescent	1-1/2" Mineral composite/wood (before trimming)	Solid Colors: Pebblette, Suede and Matte Wood Grains: Suede	1/8" tempered hardboard
90 minute	FDS-90PP	Positive Pressure, Cat A or Natural Pressure, Cat A	 4' x 8'	 8' x 8'	 8' x 8'	1-3/4"	 Mineral	N/A	1-1/4" Mineral composite/wood (before trimming)	Solid Colors: Pebblette, Suede and Matte Wood Grains: Suede	1/8" tempered hardboard
Lead Lined non-rated	LL-PC7-NR 1/8" or 1/16" Lead	N/A	 4' x 8'	 8' x 8'	 8' x 8'	1-3/4"	 Particleboard 32 lb/ft ² *	N/A	1-3/8" Wood (before trimming)	Solid Colors: Pebblette, Suede and Matte Wood Grains: Suede	1/8" tempered hardboard
Lead Lined 20 minute	LL-PC7-NR 1/8" or 1/16" Lead	Positive Pressure, Cat A	 3' x 8'	 6' x 7'	N/A	1-3/4"	 Particleboard 32 lb/ft ² **	N/A	1-3/8" Wood (before trimming)	Solid Colors: Pebblette, Suede and Matte Wood Grains: Suede	1/8" tempered hardboard

* Structural composite lumber or non-urea formaldehyde wheat core available
 ** Structural composite lumber core available

For Complete Product Selection Visit: www.c-sgroup.com/door

Our comprehensive site includes: photos, details, specs, durability and fire test data, finishes and a complete line of accessories.



			Hardware Approvals							
Face Finishes	Edges	Lites	Hinges	Locks	Exit Devices	Interactive Leaf Bolts	Closing Devices	Door Bottoms	Electric Raceways	Blocking
 All Colors & Patterns	Replaceable-Acrovyn or 20ga Stainless steel	 No limit	All types including pivots	Cylindrical or Mortise	Surface mounted vertical rod, mortised or rim type	Surface, manual or automatic flush bolts	Surface mounted or concealed	Surface mounted or mortised door bottoms	Available	5" top and/or bottom rails, 5" or 10" center rails, 5" x 10" lock blocks and corner blocks are available.
 All Colors & Patterns	Replaceable-Acrovyn or 20ga Stainless steel	 1296 in ² wired glass	Mortised or continuous hinges per NFPA 80	Cylindrical or Mortise	Surface mounted vertical rod, mortised or rim type, LBR	Surface, manual or automatic flush bolts	Surface mounted or concealed ¹	Surface mounted or mortised door bottoms	Available	5" top and/or bottom rails, 5" or 10" center rails, 5" x 10" lock blocks and corner blocks are available.
 All Colors & Patterns	Replaceable-Acrovyn or 20ga Stainless steel	 45 min–1296 in ² , 60 min–960 in ²	Mortised, or listed continuous, spring or invisible hinges	Cylindrical or Mortise	Surface mounted vertical rod, mortised or rim type, LBR	Surface, manual or automatic flush bolts	Surface mounted	Surface mounted or mortised door bottoms	Available	5" top and/or bottom rails, 5" or 10" center rails, 5" x 10" lock blocks and corner blocks are available.
 All Colors & Patterns	Banded Acrovyn or wrapped 20ga Stainless steel	 100 in ²	Mortised, or listed continuous, spring or invisible hinges	Cylindrical or Mortise	Surface mounted vertical rod, mortised or rim type, LBR	Surface, manual or automatic flush bolts	Surface mounted	Surface mounted or mortised door bottoms	Available	5" top and/or bottom rails, 5" or 10" center rails, 5" x 10" lock blocks and corner blocks are available.
 All Colors & Patterns	Banded Acrovyn or wrapped 20ga Stainless steel	 100 in ²	Continuous hinges or pivots	Cylindrical or Mortise	Surface mounted vertical rod, mortised or rim type	Automatic or manual	Surface mounted	Surface mounted	N/A	5" top and/or bottom rails, 5" or 10" center rails, 5" x 10" lock blocks and corner blocks are available.
 All Colors & Patterns	Banded Acrovyn or wrapped 20ga Stainless steel	 100 in ²	Listed continuous hinges	Cylindrical or Mortise	Surface mounted vertical rod, mortised or rim type	Automatic or manual	Surface mounted	Surface mounted	N/A	5" top and/or bottom rails, 5" or 10" center rails, 5" x 10" lock blocks and corner blocks are available.

¹Call factory for approved hardware



Construction Specialties

3 Werner Way, Lebanon, New Jersey 08833 U.S.A., 800-972-7214

895 Lakefront Promenade, Mississauga, Ontario L5E 2C2 Canada, 905-274-3611

🌐 www.c-sgroup.com



The C/S Family of Products

For 60 years, Construction Specialties has been a leader in architectural specialty products, including: Acrovyn® Wall and Door Protection, Pedisystems® Entrance Flooring, Expansion Joint Covers, Cubicle Track and Curtains, Smoke and Explosion Venting Systems, Architectural Grilles, Architectural Louvers and Sun Controls.

We have operations throughout the world and can provide C/S Products virtually anywhere. For a complete list of our international locations, visit www.c-sgroup.com.

For the nearest C/S representative, or literature and samples, call toll free 800-972-7214 in U.S.A. and 888-895-8955 in Canada, or visit www.c-sgroup.com

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