





**Acrovyn®
Doors**

Architects and designers choose Acrovyn Doors for their broad range of colors and patterns as well as the ability to withstand heavy facility traffic to meet the extensive design needs of their clients. Page **4**



**Acrovyn®
Panel Doors**

Any specific design or durability requirement can be met using our standard or custom options. Page **10**



**Acrovyn®
Frame System**

Our frame system matches our door in both durability and design. Together, they keep your entire opening looking like new. Page **12**



**Acrovyn
Doors by Design™**

Our virtually indestructible doors can now include signage, messaging, photographs and graphic images. Design and durability are no longer mutually exclusive. Page **14**



**Acrovyn® Doors for
Behavioral Health Facilities**

Barrier-resistant doors for specialized areas are available in a variety of design options to create a warm environment for patients and staff. Page **18**

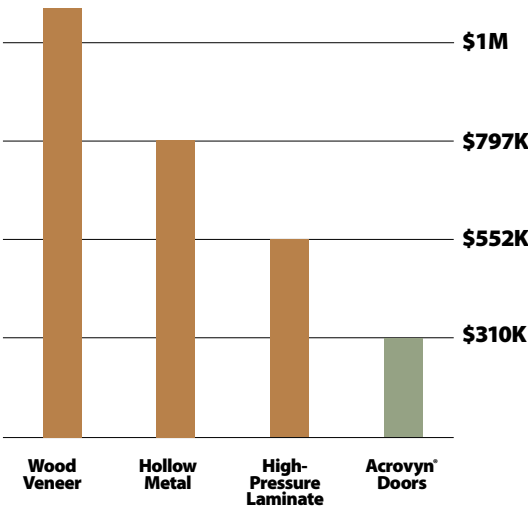
ACROVYN® DOORS

Acrovyn Doors—the right choice

Our Acrovyn Door is made with a sturdy inner core, clad in durable Acrovyn®, and features rounded, field-replaceable stiles and edges for the ultimate in protection against heavy abuse. No other door with similar features can compare yet provide as many benefits and customizable elements. Found in hundreds of facilities worldwide, Acrovyn Doors are the impact-resistant choice for high-traffic areas.

Cheap doors aren't so cheap.

Here is the real cost to buy and maintain 500 doors over a ten-year period.



We conducted a life-cycle study among a number of leading hospitals throughout the United States to compare the total cost of the purchase and maintenance of 500 doors over a ten-year period. We included our Acrovyn Doors along with wood veneer, hollow metal and plastic laminate doors in the study. **The results of our in-depth analysis show that our doors would cost \$800,000 less than wood doors and \$250,000 less than plastic laminate.** For a copy of the study, call 800.416.6586 or contact your local CS representative.



There are no other doors available that give you all the benefits of our Acrovyn Doors.



Our doors are third-party tested to withstand 2,000,000 cycle slams, which is double the Window and Door Manufacturers Association testing standard.



Acrovyn can easily be cleaned with non-abrasive cleaners.



Our doors are bacterial- and fungal-resistant. For testing data, please call 800.416.6586.



Our doors are made of environmentally friendly, PVC-free material—at no extra charge. Our standard line of doors are now *Cradle to Cradle Certified™* Silver.



All our doors can help to contribute toward LEED® v4 credits.

Cradle to Cradle Certified™ is a certification mark licensed by the Cradle to Cradle Products Innovation Institute.

Most door damage occurs at the edges.

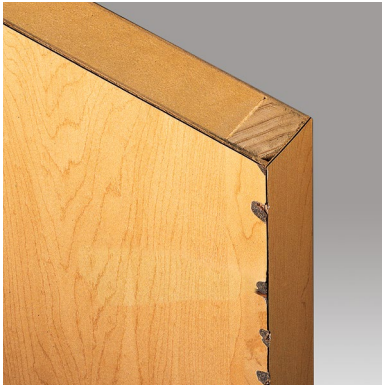
That's why Acrovyn® Doors feature radiused edges for extra impact protection.

Impact tests* prove the Acrovyn Door's superiority.



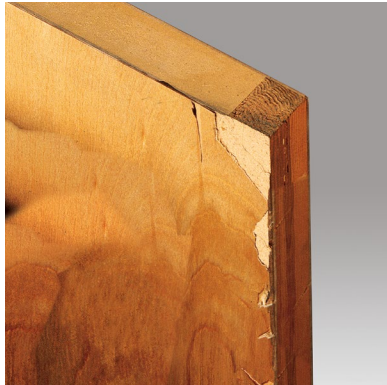
Acrovyn

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



High-Pressure Laminate (HPL)

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



Wood

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

Only Acrovyn Doors are available with replaceable stiles and edges.



Cost less than replacing the entire door



Quick and easy to replace



No downtime or disruption to the facility



Continue to look as good as the day they were installed

*Variations of ASTM F476-76 standard test methods for security of swinging door assemblies were used. Only replaceable edge covers are available on lead-lined and STC models.



Strength and Rigidity

Crossbanding adds strength and rigidity to the door.

Simply the Most Durable Door

Wood veneer and high-pressure laminate just can't handle the same abuse as durable Acrovyn.

Field Replaceable Acrovyn Door Edges & Stiles

Carts, furniture, equipment and foot traffic damage not only the surface of the door, but the edges as well. Acrovyn Doors feature field-replaceable stiles and edges on doors with up to a 90-minute fire rating. These stiles and edges can easily be replaced on site if they ever get damaged.



Edge of a Lifetime Warranty

We will warranty the Acrovyn edges against damage for the lifetime of the door.



Acrovyn® Doors & Frames

Redefining durability and
transforming design





ACROVYN® PANEL DOORS

The industry's most durable door—available in designer and custom panel options

Our panel doors can promote a warm, non-institutional atmosphere in any facility. **These doors can be manufactured to your specific functional requirements** (such as shallow reveals for easy cleaning) in any of our eight standard panel designs.



Bring your vision to life.

Explore new ways to bring warmth to your facility with custom panel doors. To discuss your design requirements, please call an Acrovyn Door specialist at 800.416.6586.



Montclair
(1352 Fossil Teak)



Summit
(376 Northern Oak)



Madison
(381 Figured Anigre)



Somerset
(372 Classic Maple)



Chatham
(386 Honduras Mahogany)



Montgomery
(399 Cherry)



Plymouth
(1353 Legacy Maple)



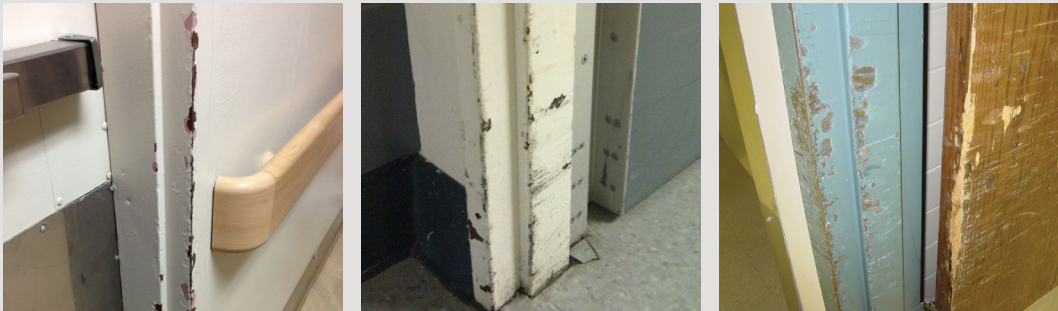
Berkeley
(1351 Smokey Elm)



The Acrovyn Frame System matches our Acrovyn Door in appearance as well as legendary durability.

Most frames cannot withstand the abuse in today's facilities.

Traditional door frames can't sustain repeated damage. As the photos at right show, they start "uglying out" almost immediately.



ACROVYN® FRAME SYSTEM

Our durable doors now have equally durable frames to match

The industry changed when we developed Acrovyn Doors. Finally, there was a door that could withstand the intense impact abuse in commercial facilities. It didn't take long for customers to ask, "What about the frames? They get damaged too!" To meet the needs of the evolving industry, we developed the Acrovyn Frame System. This system features our new steel frame, built to your specifications and wrapped in our durable Acrovyn sheet.



DURABILITY

Just like our doors, the frame system is designed to withstand heavy impacts and frequent foot traffic to keep the entire opening looking like new.



EASY TO INSTALL

The Acrovyn wrap, formed for each individual frame, has mitered ends at the jamb and the header and is prepped for hardware. The material securely fits onto the frame, eliminating the need for any adhesives.



REPLACEABILITY

Continual door maintenance is costly and time consuming. As with our door edges, the Acrovyn wrap is field replaceable, reducing the need for constant repairs.



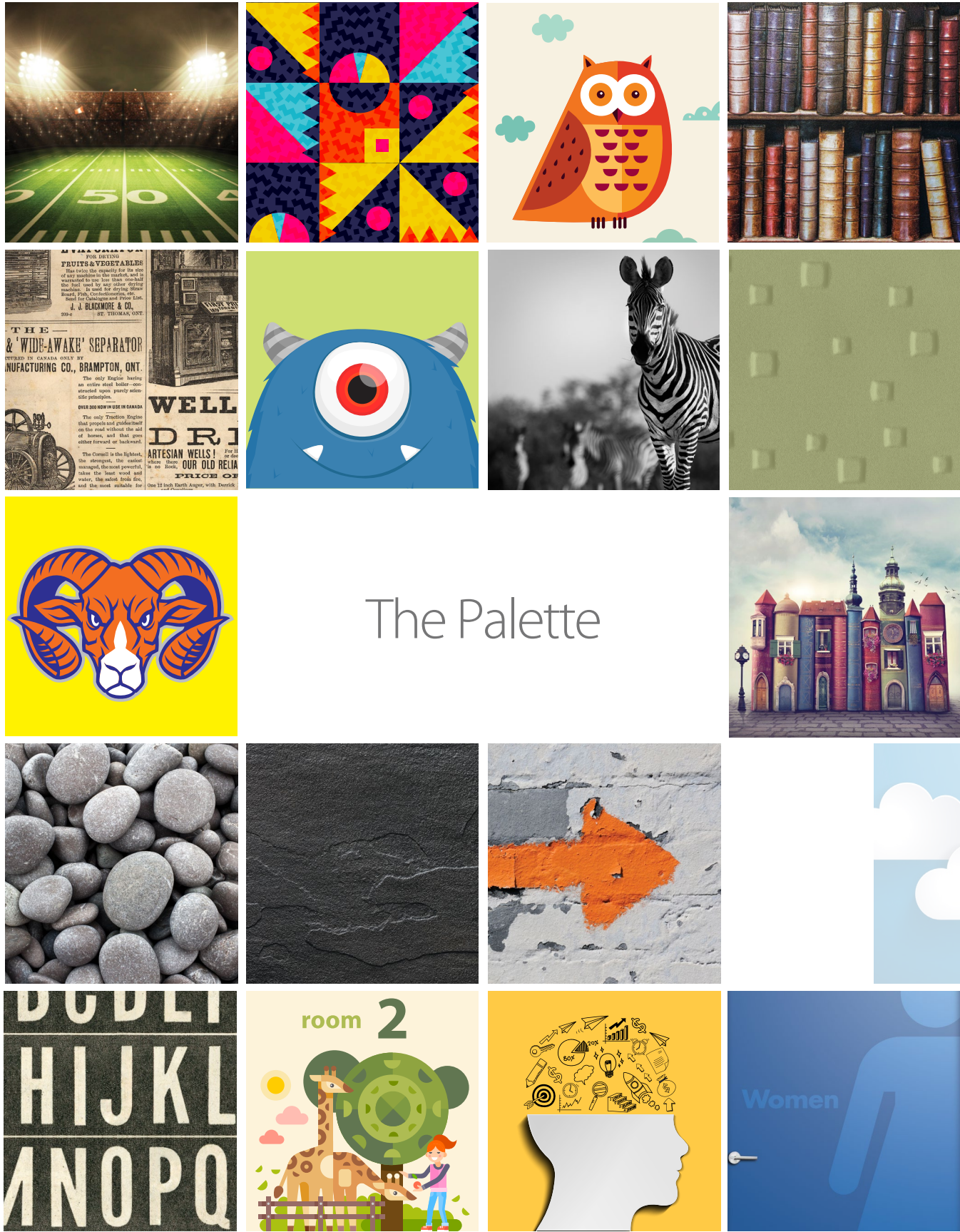
DESIGNABILITY

The frame system is available in our standard colors and Chameleon™ patterns to coordinate with the design concept at any opening.



CLEANABILITY

The steel frame is wrapped in Acrovyn, so it is as easy to clean as our doors. It also features the same bacterial and fungal resistance.



The Palette

ACROVYN DOORS BY DESIGN™

Your canvas—Acrovyn Doors by Design



Wayfinding



Photography



Illustration



Any Custom Color



Textures



Patterns

Properly used imagery can have a positive impact on learning, healing, productivity and overall outlook. With Acrovyn by Design®, virtually any image, message or color can be reproduced to create stunning interiors that last. Patterns, photographs, logos and more can safely be embedded behind our durable PVC-free Acrovyn to minimize damage concerns. Acrovyn Doors by Design open a new realm of possibilities.

For complete details, call an Acrovyn Door specialist at 800.416.6586.



ACROVYN DOORS BY DESIGN™

Designing a fun, kid-friendly environment at Yale New Haven Children's Hospital

When it was time to renovate the pediatric MRI suite at the **Yale New Haven Children's Hospital**, designers focused on the emotional needs of young patients and their families.

Institutional-looking walls and the cold, stainless steel finishes of testing equipment can contribute to a young patient's fear and anxiety. To reduce negative feelings and create a comfortable, healing space, a kid-friendly environment was needed to evoke fun and lift spirits. With patients, staff and equipment continually moving throughout the suite each day, the use of highly durable materials was paramount.

CS worked closely with Turner Construction of New Haven, CT, and Kelley Bros of Trumbull, CT, to execute this first-of-its-kind project. Imagery and design were provided by BAM Architecture Studio of New York City. This collaboration led to an imaginative masterpiece that will comfort and ease the minds of children and their families for years to come.

“Acrovyn® Doors integrated in the design to create a seamless, playful environment.”

— DANIEL AHN
BAM Architecture Studio



Location:
New Haven, CT

Architect:
BAM Architecture Studio

Product:
Acrovyn Doors by Design



ACROVYN® DOORS FOR BEHAVIORAL HEALTH FACILITIES

Specialized Door Solutions for Behavioral Health Facilities

As with other healthcare environments, behavioral health facilities must protect their doors against continual impact damage. These facilities also have certain requirements for patient safety. **Our barrier-resistant doors offer a unique solution for designated areas in behavioral health facilities.** Fire-rated up to 20 minutes, this model is durable, easy to clean and available in our standard colors and Chameleon™ patterns as well as Acrovyn by Design®. The outer leaf features field-replaceable stiles and edges to extend the life of the door.



“Patient room and corridor doors play a significant role in the visual ambience of inpatient units. However, codes and regulations also have a lot to say about the doors going into a behavioral health facility. One solution that meets all of these elements of the patient room and corridor doors is CS Acrovyn Doors. They can provide a variety of durable aesthetic options and a selection of choices in the design to suit the needs of many projects.”

James M. Hunt, AIA, NCARB
President of Behavioral Health
Facility Consulting, LLC



Barrier-resistant door

Barrier-resistant doors feature a small, compact door within the main one. The compact door provides staff easy access to a room if a barricade is used by a patient.

These doors are intended for staff access only and are not for use as security or detention doors.

ACROVYN® CHAMELEON™ PATTERNS



Ask about our pre-matched custom colors.



All doors are also available in solid colors.
Visit www.c-sgroup.com/door to view
up-to-date solid color options.

Due to limitations of the printing process, colors shown may vary. When specifying, obtain color samples by calling the factory.



Construction Specialties®

CS creates products that solve complex building challenges around the world:

Acrovyn by Design®

Acrovyn® Doors & Frames

Acrovyn® Wall Panels

Acrovyn® Wall Protection

Architectural Louvers

Cubicle Curtains & Track

Entrance Flooring

Expansion Joint Covers

Grilles & Vision Barriers

Specialty Venting

Sun Controls

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