

# Having trouble figuring out which wall protection is safe for the environment?









# Not with Acrovyn<sup>®</sup>!

That's because some manufacturers are making environmental claims that will confuse you. Not us. Acrovyn 4000 was thoroughly tested by McDonough Braungart Design Chemistry (MBDC), who offers one of the industry's most comprehensive third-party environmental evaluations. MBDC analyzed all Acrovyn 4000 components to 100 parts per million (not just the base resin) and found that they contain no PVC, PBTs or other harmful chemicals\*. C/S is committed to selling only Acrovyn 4000 while other wall protection manufacturers continue to sell PVC and are unwilling to disclose what chemicals their product options contain. In addition

to material health, MBDC also evaluates other aspects of how a company operates including material reutilization, renewable energy use, water stewardship and social responsibility before a product is certified. The result: Acrovyn 4000 is the only wall protection system that is MBDC Cradle to Cradle Certified<sup>™</sup> Gold or Silver. Dedicated to environmental leadership,



C/S is committed to developing products that have no negative impact on buildings and their occupants and has voluntarily been ISO 14001 certified. So if protecting people is as important as protecting your walls, choose Acrovyn.

\*See test results at www.c-sgroup.com/acrovyn/results

# **Environmental Achievements**

C/S was awarded Practice Greenhealth's Champion for Change Award for the past three years and EPA's 2011 Mid-Atlantic Environmental Achievement Award. Acrovyn 4000 was recognized as one of the Top 10 Green Building Products of 2010 by Sustainable Industries magazine and won Architectural Products' 2011 Product Innovation Award.







"Imagine: Cancer treatment centers built without materials linked to cancer..."

Inspired by this statement from Green Guide for Health Care, C/S is offering Acrovyn 4000 SM-20 corner guards in the new #235 Pink Ribbon color. A portion (10%) of the proceeds from "Project Pink" will benefit the National Breast Cancer Coalition Fund. (www. BreastCancerDeadline2020.org)



# Designers and owners love Acrovyn 4000's new texture.



The new texture is easier to clean and maintain.

We understand that people use wall protection because they need it, but we also know how important aesthetics are to our customers.

Acrovyn 4000 now has a contemporary new texture that designers and owners overwhelmingly prefer over other companies' wall protection with pebblette texture. Owners find the reduced surface texture much easier to clean and maintain. Acrovyn 4000's new texture also improves color consistency between the end cap and profile and makes our Chameleon simulated wood and metal patterns more realistic than ever. Yet another advancement from C/S, the inventor and leader in modern wall protection for over 40 years.

#### Which simulated wood looks more realistic to you?



Acrovyn<sup>®</sup> 4000 Wall Guard



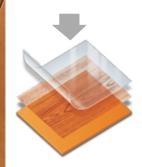
**Competitor Wall Guard** 





## Now PVC-free and even more realistic

Acrovyn Chameleon<sup>™</sup> offers the industry's best looking, most durable simulated patterns available today. The Chameleon's patterned ink and base material are completely free of PVC, and Acrovyn 4000's new contemporary texture makes our wall guards look even more realistic. The smooth texture is easy to clean. Chameleon is 20 times more durable than stained wood.



Our exclusive fusion bonding process means Acrovyn 4000 simulated wood patterns won't wear, scratch or peel off. It becomes integral with the Acrovyn material.



Acrovyn Chameleon's surface cleans easily with non-abrasive cleaners.



Acrovyn Chameleon patterns are 20x more durable than stained wood and 4x more durable than laminate.



All Chameleon patterns for Acrovyn wall guards and wall coverings are MBDC Cradle to Cradle Certified<sup>CM</sup> Silver.



Inova Alexandria Hospital Architect: RSG Architects Amber Cherry and Classic Maple Wall Panels



is available on most of our products, including doors, wall coverings, wall guards and wall panels, ensuring a totally coordinated look for your interior.

# Acrovyn<sup>®</sup> Handrails

A variety of handrails to complement your interior

#### Acrovyn

New Acrovyn 4000 is free of PVC and PBTs. The most durable handrails on the market today, many of which install easily with our patented Quick Lock brackets.

#### **Acrovyn Chameleon**™ **Simulated Wood & Metal**

PVC-free Acrovyn faux wood and metal handrails look just like the real thing but are designed to stand up to constant abuse.

#### Acrovyn Renaissance™ **Real Wood & Metal**

C/S offers real wood, real metal and combination wood/metal handrails for interiors that demand natural materials.

#### Stainless Steel

Rugged high-tech looks in a variety of handrail profiles. See product section.

Shadowgrain
 Texture
 Textu

 $\label{eq:continuous} \mbox{Architects and owners alike agree that new}$ Acrovyn looks considerably more modern than wall protection with a Pebblette texture.



# Acrovyn<sup>®</sup> Handrails on the job

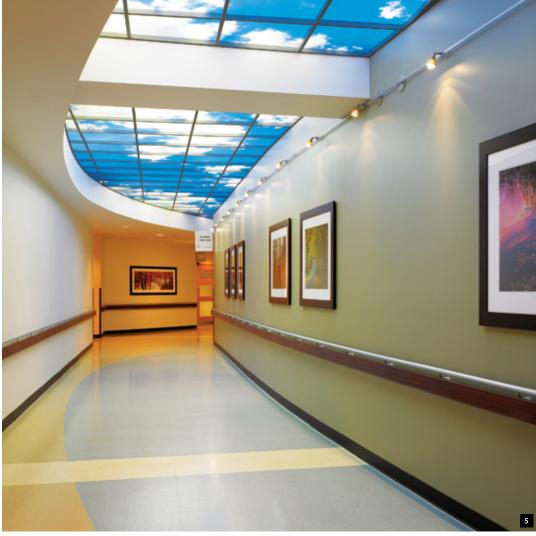






- 1 HRB-4CN @ Finley Hospital Architect: Heery International
- 2 HRWS-6C @ AtlantiCare Regional Medical Center Architect: Francis Cauffman Architects
- P-OMA @ St. Joseph's Women's Hospital Architect: HKS
- 4 HRB-10CN @ Patewood Memorial Hospital Architect: DesignStrategies
- 5 P-OMA @ Community Hospital North Architect: RTKL Associates
- 6 HRB-4CN @ John Muir Medical Center Architect: Ratcliff



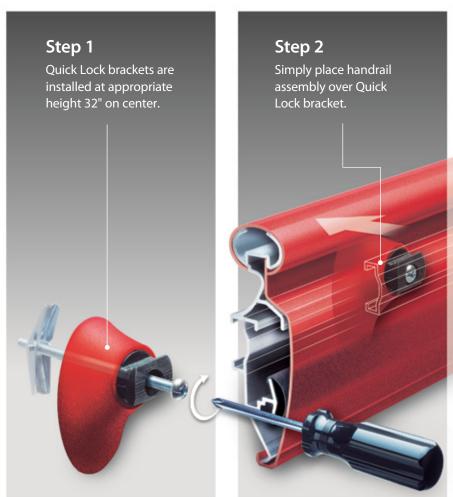


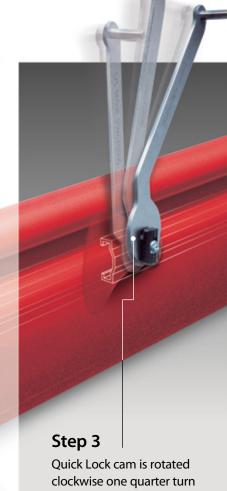


# Install or remove handrails in half the time with the amazing Quick Lock bracket.



# Three simple steps are all it takes.





Quick Lock cam is rotated clockwise one quarter tur with supplied wrench to lock handrail in place.

#### **Quick Lock Brackets**

Quick Lock makes the installation of C/S handrails a simple, clean process that can be accomplished in occupied areas. Quick Lock also allows you to preassemble the retainer, cover and end caps "off site," resulting in minimal downtime.

With Quick Lock there's no need to drill holes in the retainer and no struggling with component alignment. And if the handrail needs to be taken down to paint or repair, it is as easy as just twisting the bracket a half turn to remove.

#### Here's the proof.



#### Standard Bracket Installation

To install 60 lineal feet in a corridor using standard brackets. Two men are required to complete the installation.

Elapsed Time: 2 Contractors—1 Hour



#### Quick Lock Bracket Installation

To install 60 lineal feet in the same corridor using Quick Lock brackets. Only one man is required to complete the installation.

Elapsed Time: 1 Contractor—1 Hour



Look for Quick Lock bracket icons for available handrail options.

Style	Height	Rail Offset	Max. Lengths	Bracket Type	Corner Conditions	Cost Index*	Page
P-OAAN	<b>6</b> " 152MM	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	<b>20'</b> (6.1M)	Stainless Cantilevered Bracket	Continuous Outside	150	30
P-RAN	<b>5</b> <sup>7</sup> / <sub>8</sub> "	Offset <b>3-3/4"</b> (95MM) Grip Width <b>1-1/2"</b> (38MM)	<b>20'</b> (6.1M)	Stainless Cantilevered Bracket	Continuous Outside	100	26
HR-6CN	<b>4</b> " 102MM	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	<b>20'</b> (6.1M)	Standard Acrovyn Bracket	Continuous Inside/Outside	50	26
HRO-6N	3 <sup>9</sup> /16 <sup>"</sup> 91MM	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	<b>20'</b> (6.1M)	Standard Acrovyn Bracket	Continuous Inside/Outside	50	26
HRB-4CN	5 <sup>1</sup> / <sub>2</sub> "	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	<b>20'</b> (6.1M)	Standard Quick Lock Bracket and Caps	Continuous Inside/Outside	100	26
HR-8CN	<b>6</b> " 152MM	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	<b>20'</b> (6.1M)	Standard Acrovyn Bracket	Continuous Inside/Outside	165	26
HRB-20N	5 <sup>5</sup> /8"	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	<b>20'</b> (6.1M)	Standard Quick Lock Bracket and Caps	Continuous Outside	110	27
HRB-10CN	6 <sup>1</sup> / <sub>4</sub> "	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	<b>20'</b> (6.1M)	Standard Acrovyn Bracket	Continuous Outside	115	27
Platform Series	<b>6-6</b> <sup>3</sup> / <sub>8</sub> " 152-162MM	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	Acrovyn <b>20'</b> (6.1M)	Stainless Cantilevered Bracket	Continuous Outside	130- 450	30-33

*By assigning our most popular profile a designation of 100, you can estimate h	how much more or less an alternate profile will cost.
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Style	Height	Rail Offset	Max. Lengths	Bracket Type	<b>Corner Conditions</b>	Cost Index*	Page
HRS-6C	<b>5</b> <sup>1</sup> / <sub>4</sub> "	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	<b>19'</b> (5.8M)	Stainless Bracket	Continuous Inside/Outside	145	29
HRW5-6C	<b>5</b> <sup>1</sup> / <sub>4</sub> "	Offset 3" (76MM) Grip Width 1-1/2" (38MM)	Random <b>7'–12'</b> (2.1 - 3.7M)	Stainless Bracket	Continuous Inside/Outside	105	28
HRW-6C	<b>4</b> <sup>3</sup> /3 <sup>1</sup> / <sub>2</sub> 104MM	Offset 3" (76MM) Grip Width 1-1/2" (38MM)	Random <b>7'–12'</b> (2.1 - 3.7M)	Standard Acrovyn Bracket	Continuous Outside	75	28
HRW-35	3 <sup>1</sup> /2" 89MM	Offset 3" (76MM) Grip Width 1-1/2" (38MM)	Random <b>7'–12'</b> (2.1 - 3.7M)	Standard Quick Lock Bracket	Mitered Inside/Outside	145	28
AW-10CVB	<b>5</b> <sup>1</sup> /2" 140MM	Offset 3" (76MM) Grip Width 1-1/2" (38MM)	Random <b>7'–12'</b> (2.1 - 3.7M)	Standard Quick Lock Bracket	Mitered Inside/Outside	140	29
HRBW-20N	<b>5</b> <sup>5</sup> /8 <sup>1</sup> 143MM	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	Acrovyn <b>20'</b> (6.1M) Wood - Random <b>7'–12'</b> (2.1 - 3.7M)	Standard Quick Lock Bracket	Continuous Outside	115	27
HRBW-10CN	<b>6</b> <sup>1</sup> / <sub>4</sub> " <sub>159MM</sub>	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	Acrovyn <b>20'</b> (6.1M) Wood - Random <b>7'–12'</b> (2.1 - 3.7M)	Standard Acrovyn Bracket	Continuous Outside	140	27
HRW-10CV	6 <sup>1</sup> /4" 159MM	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	Random <b>7'–12'</b> (2.1 - 3.7M)	Standard Acrovyn Bracket Optional Quick Lock	Continuous Outside	175	29
Platform Series	<b>6-6<sup>3</sup>/8</b> <sup>1</sup> 152-162MM	Offset <b>3"</b> (76MM) Grip Width <b>1-1/2"</b> (38MM)	Wood - Random 7'-12' (2.1-3.7M) Aluminum 12' (3.7M) Stainless Varies by Model	Stainless Cantilevered Bracket	Continuous Outside	130- 450	30-33

25

<sup>\*</sup>By assigning our most popular profile a designation of 100, you can estimate how much more or less an alternate profile will cost.

For selection charts see pgs. 74-76

6" high dual line handrail

Available in:

Designed for wheelchair bound patients

Psychiatric bracket enclosures available

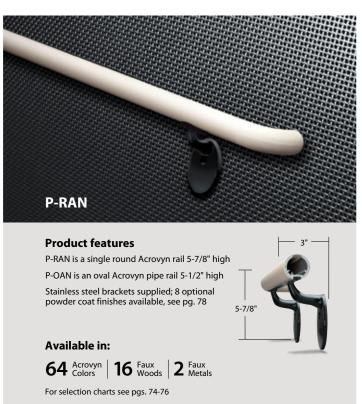
64 Acrovyn | 16 Faux Woods | 2 Faux Metals

Contrasting horizontal Acrovyn or

For selection charts see pgs. 74-76

#### ♦ For comprehensive information on these products, visit www.c-sgroup.com/handrails

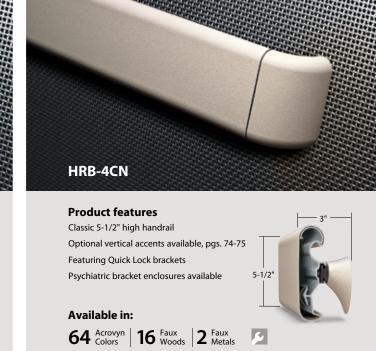




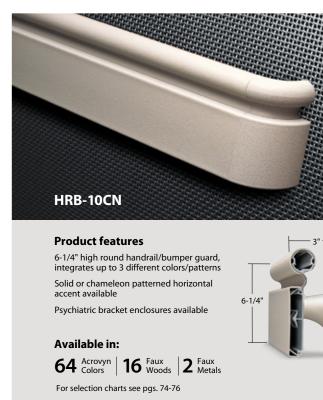








For selection charts see pgs. 74-76





All handrails meet ADA 1-1/2" grip width and have a 3" handrail offset unless specified. All handrails shown except HRO-6N can be radiused. "N" at the end of each model number designates standard PBT/PVC-free Acrovyn 4000 material, which will be supplied.

## Acrovyn<sup>®</sup> Handrails

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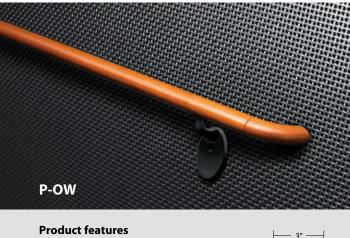


Optional stainless steel insert (Model HRWS-6CS)

#### and splices available **Available in:**

6 Real Woods

For selection charts see pgs. 78-79



P-OW is a single line oval real wood handrail 5-1/2" high

Oval design offers 335° grip surface Model P-RW round rail design is 5-7/8" high Stainless steel brackets supplied; 8 optional powder coat finishes available, see pg. 78

#### Available in:

6 Real Woods

For selection charts see pgs. 78-79





#### **Product features**

A 5-1/4" high stainless steel handrail with stainless steel end caps and brackets; field verified dimensions required

Optional powder coating available for all stainless components Supplied cut to size only





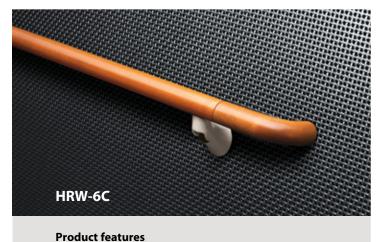
#### **Product features**

P-RS is a single round stainless steel rail 5-7/8" high; supplied cut to size only; field verified dimensions required

Stainless steel brackets supplied; 8 optional powder coat finishes available, see pg. 78

P-OM is an oval aluminum rail 5-1/2" high with powder coat





A wood pipe rail for patient mobility Total height 4-3/32"

Mounting brackets manufactured from Acrovvn

#### Available in:

6 Real Woods

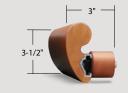
For selection charts see pgs. 78-79



#### **Product features**

Mitered end caps Featuring Quick Lock brackets

Psychiatric bracket enclosures available



#### Available in:

6 Real Woods



For selection charts see pgs. 78-79



#### **Product features**

A 5-1/2" high solid wood handrail Feature bumper protects rail's face;

Model AW-10C features a plain face Featuring Quick Lock brackets

#### Available in:

6 Real Woods

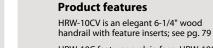


For selection charts see pgs. 78-79









HRW-10C features a plain face. HRW-10CG's crash rail features finished grooves Optional Quick Lock brackets; design

is modified and supplied cut to size Available in:



6 Real Woods 64 Colors 16 Woods 2 Faux Metals

29

\*Insert only. For selection charts see pgs. 74-76, 78-79

All handrails meet ADA 1-1/2" grip width and have a 3" handrail offset unless specified. All handrails shown can be radiused.

"N" at the end of each model number designates standard PBT/PVC-free Acrovyn 4000 material, which will be supplied.

# **Acrovyn** Platform Handrails

**Available in:** 

64 Acrovyn | 16 Faux | 2 Faux Metals

#### **⊘** For comprehensive information on these products, visit www.c-sgroup.com/handrails

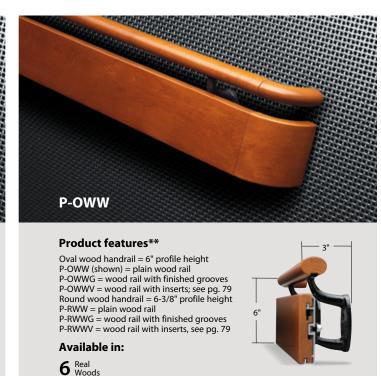




64 Acrovyn 16 Faux 2 Faux Metals

For selection charts see pgs. 74-76





For selection charts see pgs. 78-79



64 Acrovyn Colors 16 Faux Woods 2 Faux Metals 6 Real Woods

For selection charts see pgs. 74-76, 78-79







"N" at the end of each model number designates standard PBT/PVC-free Acrovyn 4000 material, which will be supplied.

For selection charts see pgs. 78-79

# **Acrovyn** Platform Handrails

#### $\begin{tabular}{ll} \begin{tabular}{ll} \beg$



Available in:

64 Acrovyn 16 Faux 2 Faux Metals

An all metal 6" high profile that combines

Aluminum handrail is powder coated

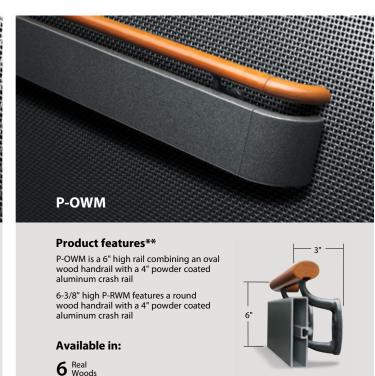
Stainless rail supplied cut to size only

crash rail\*

For selection charts see pgs. 78-79











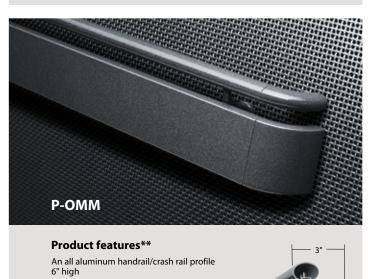
For selection charts see pgs. 78-79

**Product features\*\*** 

A 6-3/8" high rail that combines a round

Aluminum handrail is powder coated

stainless steel handrail\* with a stainless steel





All aluminum components are powder coated

Contrast handrail and crash rail

Stainless steel brackets supplied; powder coat finishes optional, see page 78



#### **Product features\*\***

For selection charts see pgs. 78-79

A 6-3/8" high rail that combines a round stainless steel handrail\* with a 4" powder coated aluminum crash rail

Stainless rail supplied cut to size only to

Stainless steel crash rail and brackets; powder coat finishes optional, see page 78





# Acrovyn° Solid Colors





Cradle to Cradle Certified<sup>™</sup> is a certification mark of MBDC

100s of custom colors have been matched, including competitor colors. Contact factory for availability.

322 Peanut Brittle (C2C Gold)

949 White (C2C Silver)	933 Mission White* (C2C Gold)	313 Vanilla (C2C Silver)	934 Pearl (C2C Gold)
100 Eggshell (C2C Gold)	858 Pumice (C2C Gold)	253 Parchment (C2C Silver)	517 Teton White (C2C Gold)
519 Buttercream (C2C Silver)	310 Yosemite Sand (C2C Gold)	101 French Cream (C2C Gold)	920 Almond (C2C Gold)
319 Buttercream (C2C Silver)	310 Toseffile Salia (C2C Gold)	101 French Clean (C2C Gold)	920 Almona (C2C Gold)
102 Desert Sand (C2C Gold)	254 Wheat (C2C Gold)	997 Irish Cream (C2C Gold)	186 Champagne (C2C Gold)
305 Mushroom (C2C Gold)	196 Fawn (C2C Gold)	103 Beige* (C2C Gold)	198 Beige Desert (C2C Gold)
866 Doeskin (C2C Gold)	479 Cappuccino (C2C Gold)	480 Toffee (C2C Gold)	303 Caramel (C2C Gold)
929 Oyster Gray (C2C Gold)	187 Tan Bark (C2C Gold)	513 Khaki Brown (C2C Gold)	105 Mocha (C2C Gold)
193 Gingerspice (C2C Gold)	307 Sienna (C2C Gold)	106 Brown (C2C Silver)	316 Chestnut (C2C Gold)

All colors are MBDC Cradle to Cradle Certified  $^{cu}$  Gold or Silver. The C2C Gold and Silver notes on the color chips are for Acrovyn Wall Guards. All 64 colors for Acrovyn Wall Covering are currently Cradle to Cradle Certified  $^{cu}$  Silver. Call 800-233-8493 for updated color information.

317 Kona (C2C Gold)

75

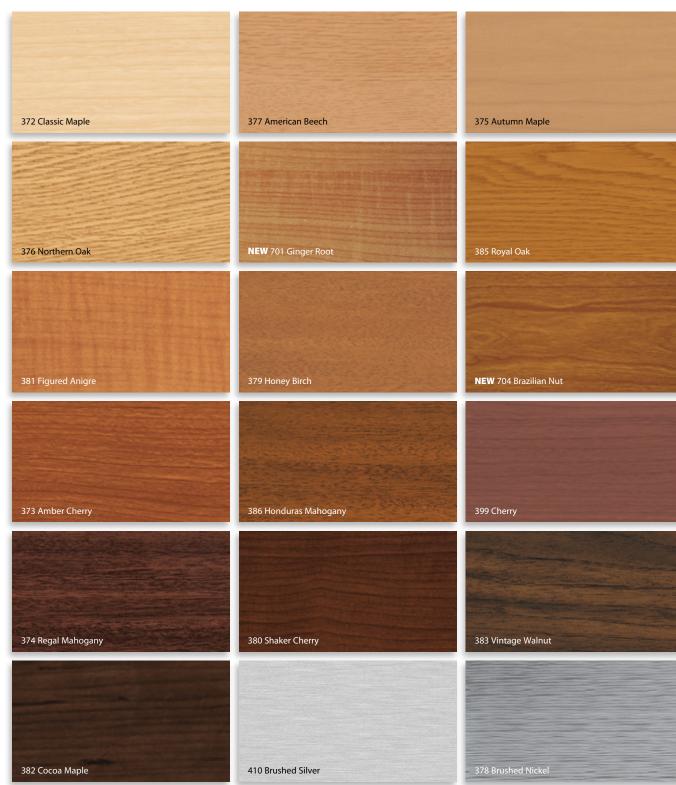
<sup>320</sup> Brick (C2C Silver) 318 Berry Red (C2C Silver) 326 Rustic Red (C2C Silver) 521 Spanish Moss (C2C Silver) 311 Celery (C2C Gold) 324 Underseas (C2C Gold) 319 Saybrook Sage (C2C Silver) 323 Serene Green (C2C Gold) 660 Sage Green (C2C Gold) 223 Danube (C2C Gold) 957 Bluestone (C2C Silver) 129 Yale Blue (C2C Silver) 520 Imperial Purple (C2C Silver) 309 Tranquil Blue (C2C Gold) 262 Driftwood (C2C Gold) 927 Folkstone (C2C Gold) 265 Fog (C2C Gold) 314 Ozark (C2C Gold) 136 Pearl Gray (C2C Gold) 108 Black\* (C2C Gold)

<sup>\*</sup> Optional Vertical Accent Colors include: Beige, Black, Charcoal, Chinchilla and Mission White and are available for specific Acrovyn profiles. Due to limitations of the printing process, colors above may vary. When specifying, obtain color samples by calling factory.

# Acrovyn<sup>®</sup> Chameleon<sup>™</sup> Simulated Wood & Metal



Lifetime Warranty (Call factory for details)

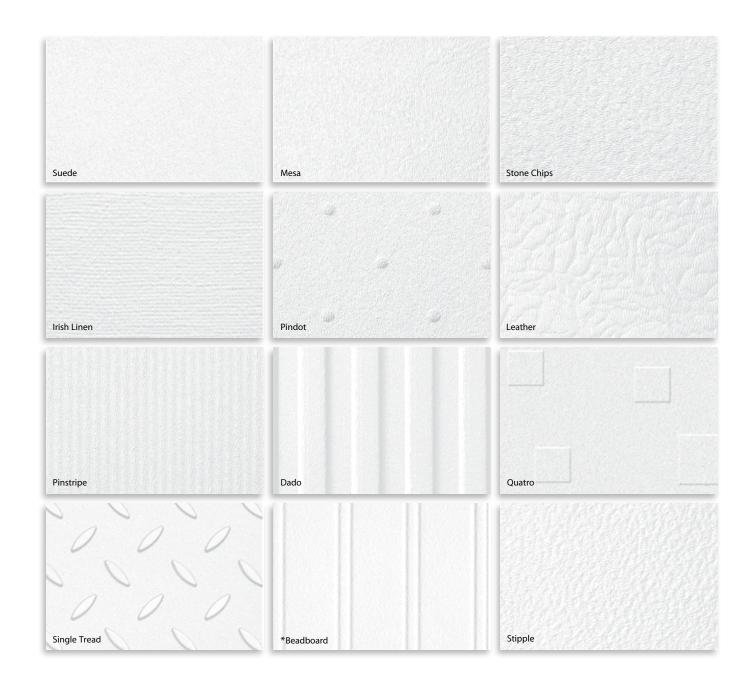


All 18 Chameleon Patterns for Acrovyn wall guards and wall coverings are MBDC Cradle to Cradle Certified<sup>™</sup> Silver.

Available for select profiles, .040" sheet and wall panels. Minimum order requirements may apply; refer to specific model for details.

Inside corners are not available with Chameleon Patterns.

# Acrovyn° Wall Covering & Panel Texture Collection



 $Sheet\ and\ wall\ panel\ sizes\ vary;\ refer\ to\ our\ most\ current\ product\ specifications\ found\ at\ www.c-sgroup.com.$ 

Specify direction of texture for full and wainscot applications.

\*Beadboard available in nominal 1" or 2-3/8" texture widths.

Wall Guards supplied in standard Shadowgrain. Solid colored .040" & .060" sheet supplied in standard Suede; .040" available in all other textures. Chameleon patterned .040" sheet supplied in standard Suede; available in all other textures. Square and beveled edge wall panels supplied in standard Suede; available in all other textures except Shadowgrain. Saratoga\* wall system supplied in standard Suede; available in all other textures except Pindot, Dado, Quatro and Single Tread.

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# **Acrovyn** Renaissance Collection Real Wood & Metal

FSC Certified wood available upon specification (not applicable to Bamboo or Beech).



#### Ash



#### Oak



#### Beech



#### **Powder Coat**



Custom wood species and finishes also available. Wood rail products are finished with waterborne finishes.

\* Optional powder coat finishes are available on all models with visible stainless steel and aluminum components except CRWS-2 and FRWS-2. All aluminum components for the Platform Handrails will be supplied with a powder coat finish.

#### Maple



#### Bamboo



#### Cherry



#### **Feature Insert Bumpers** (for select wood models only)

Black	Chrome	Fawn
Desert Sand	Almond	Parchment

**Note:** The products shown in this catalog may be covered by one or more of the following U.S. or Canadian patents: 5,427,359; D447,821; D448,494; D455,216; D462,259 S; D463,042 S; 6,508,458 B1; D476,089 S; 6,601,355 B2; 2,136,593; 96871; 96872; 96873; 97166; D480,820 S. Other U.S. and International Patents Pending.



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

• www.c-sgroup.com



For more than 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 <a href="https://www.c-sgroup.com">www.c-sgroup.com</a>.



For the nearest C/S representative, or literature and samples, call toll free 800-631-7379 in U.S.A. and 888-895-8955 in Canada, or visit www.c-sgroup.com

