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Wall & Door Protection

Healthy wall protection can still be beautiful.

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







Acrovyn 4000 contains no halogens, monomers or other known persistent bioaccumulative toxins (PBTs) and is UL Class A/1 fire rated and labeled.

# 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 quards 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<sup>®</sup> 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?

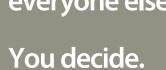


Acrovyn<sup>®</sup> 4000 Wall Guard



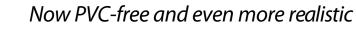
**Competitor Wall Guard** 

### Acrovyn<sup>®</sup> 4000's contemporary new texture, or...



## everyone else's pebblette texture?

# Introducing Acrovyn<sup>®</sup> 4000 Chameleon<sup>®</sup> Simulated Wood and Metal Collection



Acrovyn Chameleon" 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 tough, easy to clean Chameleon Collection is available on most of our products, including doors, wall coverings, wall guards and wall panels, ensuring a totally coordinated look for your interior.





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.

### Acrovyn<sup>®</sup> Crash Rails

### Lots of great looking options to keep your facility looking new

### 1 Acrovyn

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New Acrovyn 4000 is free of PVC and PBTs. Rugged Acrovyn crash rails in 1 1/8" – 8" heights prevent carts from damaging walls.

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

PVC-free Chameleon crash rails and rub rails withstand the abuse real wood and metal just can't handle.

## 3Acrovyn Renaissance™Real Wood & Metal

We've added a new line of wood/metal rub rails to our elegant real wood and metal crash rail offering.

### 4 Stainless Steel

For the ultimate in wall protection, C/S offers a variety of stainless crash rails that are perfect for laboratories and other high abuse areas.

≧ Shadowgrain ≝ Texture Architects and owners alike agree that new Acrovyn looks considerably more modern than wall protection with a Pebblette texture.



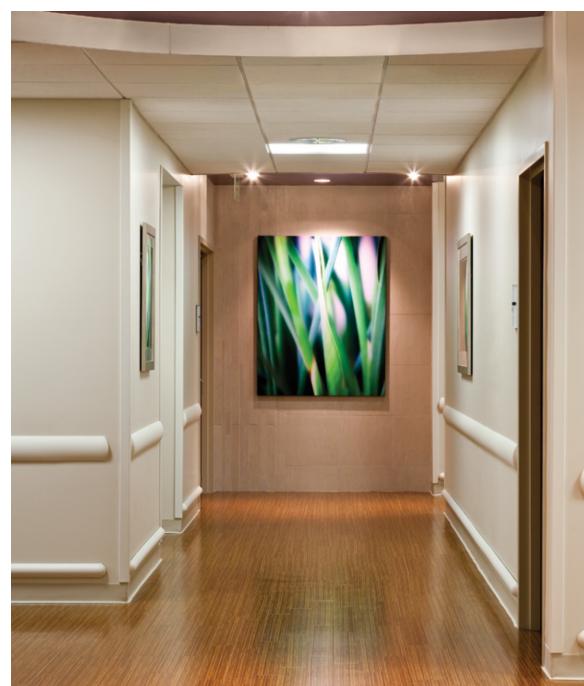
## Acrovyn<sup>•</sup> Crash Rails on the job















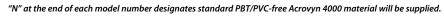
- 1 SCR-50N @ Franklin Square Hospital Center Architect: Wilmot Sanz, Inc.
- 2 ECR-32A @ Cornell Research Facility Architect: Ballinger
- 3 SCR-80N @ UPMC: Mercy 6th Floor Rehabilitation Center;Architect: IKM, Inc.
- 4 BG-30N @ John Muir Medical Center Architect: Ratcliff
- 5 BG-30 & SCR-50 @ Morton Plant Hospital, Axelrod Pavilion; Architect: HKS
- 6 SCR-40 @ Greenwood Elementary School Architect: BLRB Architects

## Acrovyn<sup>•</sup> Crash Rails selection guide

Style	Height	Mounting	g Options (wall	offset)	Corner Conditions	Radius	Max. Lengths	Cost Index*	Page
SCR-50N	<b>5</b> " 127MM	<b>SCR-50N</b> Surface <b>1-1/16"</b> (27MM)	BCR-50N Bumper 1-7/16" (37MM)		Continuous Out/Miter In	Yes	<b>20'</b> (6.1M)	40	40
SCR-BON	<b>8</b> " 203MM	<b>SCR-80N</b> Surface <b>1-3/8</b> " (35MM)	BCR-80N Bumper 1–13/16" (46MM)		Continuous Out/Miter In	Yes	<b>20'</b> (6.1M)	60	40
BG-10N	<b>4</b> " 101MM	Bumper <b>2–3/8"</b> (61MM)			Continuous Out	Yes	<b>20'</b> (6.1M)	70	41
BG-30N	2 <sup>3</sup> /4" 70MM	Bumper <b>1–3/8"</b> (35MM)			Continuous Out	Yes	<b>20'</b> (6.1M)	60	41
SCR-40N	<b>4</b> " 101MM	SCR-40N Surface 13/16" (21MM)	BCR-40N Bumper 1–3/16" (46MM)	ECR-40N Extended 2-15/16" (75MM)	Continuous Out/Miter In	Yes	<b>20'</b> (6.1M)	50	40
SCR-48N	<b>6</b> " 152MM	<b>SCR-48N</b> Surface <b>1-1/4</b> " (32MM)	BCR-48N Bumper 1–5/8" (41MM)	ECR-48N Extended 3-3/8" (86MM)	Continuous Out/Miter In	Yes	<b>20'</b> (6.1M)	70	40
SCR-64N	<b>8</b> " 203MM	<b>SCR-64N</b> Surface <b>1-1/4</b> " (32MM)	BCR-64N Bumper 1–5/8" (41MM)	ECR-64N Extended 3-3/8" (86MM)	Continuous Out/Miter In	Yes	<b>20'</b> (6.1M)	100	41
Rubstrips	Varies	.0	940" or .060"		Factory Formed Out	Yes	<b>10'</b> (3.0M)	10- 25	41
ECR-205	<b>2</b> " 51MM	NEW ECR-20S Extended 3" (76MM)			Continuous In/Out	Yes	<b>9'10''</b> (3.0M)	195	42
ECR-32A	<b>4" 6</b> " 101MM 152M	Extended	/ECR-32S/ECR-60	Con	tinuous ECR- ut/In Non-I	Yes 32A w/ Exposed teners	<b>9'10''</b> (3.0M)	100- 275	43

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

38



Style	Height	Mounting Op	otions (wall offset)	Corner Conditions	Radius	Max. Lengths	Cost Index*	Page
CRWS 1	<b>5<sup>1</sup>/2</b> 140MM	Surface <b>1"</b> (25MM)	<b>FRWS-1</b> Chair Rail offset 1-1/8" see pg. 46	Solid Wood In Optional	No	<b>10'</b> (3.0M)	220- 315	42
CRWS-2	<b>5<sup>1</sup>/2</b> 140MM	Surface <b>1-1/4"</b> (25MM)	<b>FRWS-2</b> Chair Rail offset 1" see pg. 47	Solid Wood In Optional	No	<b>12'</b> (3.7M)	150- 250	42
CRW5-3	5 <sup>1</sup> /2"	Surface 1" (25MM)	<b>FRWS-3</b> Chair Rail offset 1" see pg. 47	Solid Wood In Optional	No	<b>10'</b> (3.0M)	220- 380	43
AW-CRVB	5 <sup>1</sup> /2" 140MM	<b>AW-CRVB &amp;</b> Surface <b>3/4</b> " (19MM)	AW-CR	Mitered In/Out	Yes	Random <b>7'-12'</b> (2.1-3.7M)	80	43
SCR-1655V	5 <sup>1</sup> /2"	<b>SCR-16SSV</b> Surface <b>1-1/2"</b> (38MM)	& SCR-16SSP	N/A	No	<b>10'</b> (3.0M)	190	43
FR-125N	<b>1<sup>1</sup>/8"</b> 29MM	Surface <b>1-1/8"</b> (29MM)		Cont Out/ Miter In	Yes	Acrovyn <b>12'</b> (3.7M)	20	42
FRW-260	2 <sup>1</sup> /4" 57MM	Surface <b>1-1/16"</b> (27MM)		Mitered In/Out	Yes	FRW-260 Wood-Random 7'-12'	55	45
FR-251/252/253/260	<b>2<sup>1</sup>/2" <sup>3</sup>/4"</b> 64MM 19MM	Height <b>2-1/2"</b> (25MM)	Depth <b>3/4"</b> (37MM)	Mitered In/Out	No	<b>9'6''</b> (2.9M)	50	45
FR-225N	2 <sup>1</sup> /4" 57MM	FR-225N Surface 3/4" (19MM)	FRW-225 Surface 3/4" (19MM)	FRW-225 Mitered In/Out FR-225N Cont Out/ Miter In	Yes	FR-225N Acrovy 20' (6.1M) FRW-225 Wood-Randon 7'-12'	35	44
FR-270N	FR FRW 2" 3 <sup>3</sup> /4" 51MM 95MM	<b>FR-270N</b> Surface <b>1</b> " (25MM)	FRW-270N Surface 1-15/32" (37MM)	FR-270N Cont Out/ Miter In FRW-270N Mitered In/Out	Yes	FR-270N Acrovy 12' (3.7M) FRW-270N Wood-Randon 7'-12'	20	44

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

### Acrovyn<sup>®</sup> Crash Rails

#### Solution Solution Solution for the seproducts, visit www.c-sgroup.com/crashrails



#### Product features

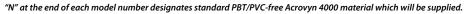
SCR-40N is a 4" high surface mounted crash rail Model BCR-40N features bumper cushions behind retainer Extended profile model ECR-40N

All models include a continuous aluminum retainer

Available in:

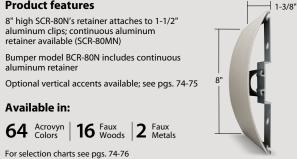


For selection charts see pgs. 74-76



| 13/16"





**Product features** 

Available in:

retainer available (SCR-48MN)

Bumper mounted BCR-48N and

a continuous aluminum retainer

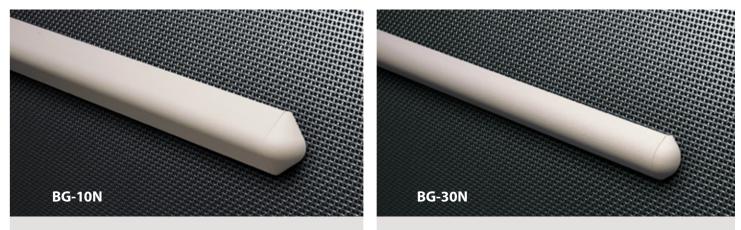
extended mount ECR-48N include

SCR-48N is a 6" high crash rail mounted with

1-1/2" aluminum clips; continuous aluminum

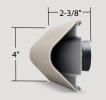
64 Acrovyn 16<sup>°</sup> Faux 2<sup>°</sup> Faux Metals

\*500 LF min. For selection charts see pgs. 74-76



**Product features** A bullnose bumper designed to keep carts away from walls

4" high profile features a continuous aluminum retainer mounted on 1/2" bumper cushions



Available in: 64 Acrovyn 16<sup>°</sup> Faux Colors 16<sup>°</sup> Kouds 2<sup>°</sup> Faux Metals \*500 LF min. For selection charts see pgs. 74-76



#### Product features

8" high surface mounted SCR-64N crash rail

SCR-64N's retainer attaches to 1-1/2" aluminum clips; continuous aluminum retainer available (SCR-64MN)

Bumper mounted BCR-64N and extended mount ECR-64N include a continuous aluminum retainer

#### Available in:

64 Acrovyn 16<sup>\*</sup> Faux Colors 2<sup>\*</sup> Faux Metals \*500 LF min. For selection charts see pgs. 74-76



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1-1/4"

#### **Product features**

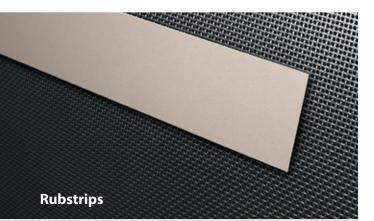
2-3/4" high bumper guard for chair rail applications Profile mounts on 1/4" bumper cushions for shock absorbency

Includes a continuous aluminum retainer

#### Available in:



\*500 LF min. For selection charts see pgs. 74-76



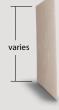
#### Product features

Economical rubstrips for areas that get scuffed Material cut to specified heights from .040" or .060" sheet material

Rubstrips feature top and bottom tapered edges and mount with adhesive

64 Acrovyn 16<sup>°</sup> Faux 2<sup>°</sup> Faux Metals

#### Available in:

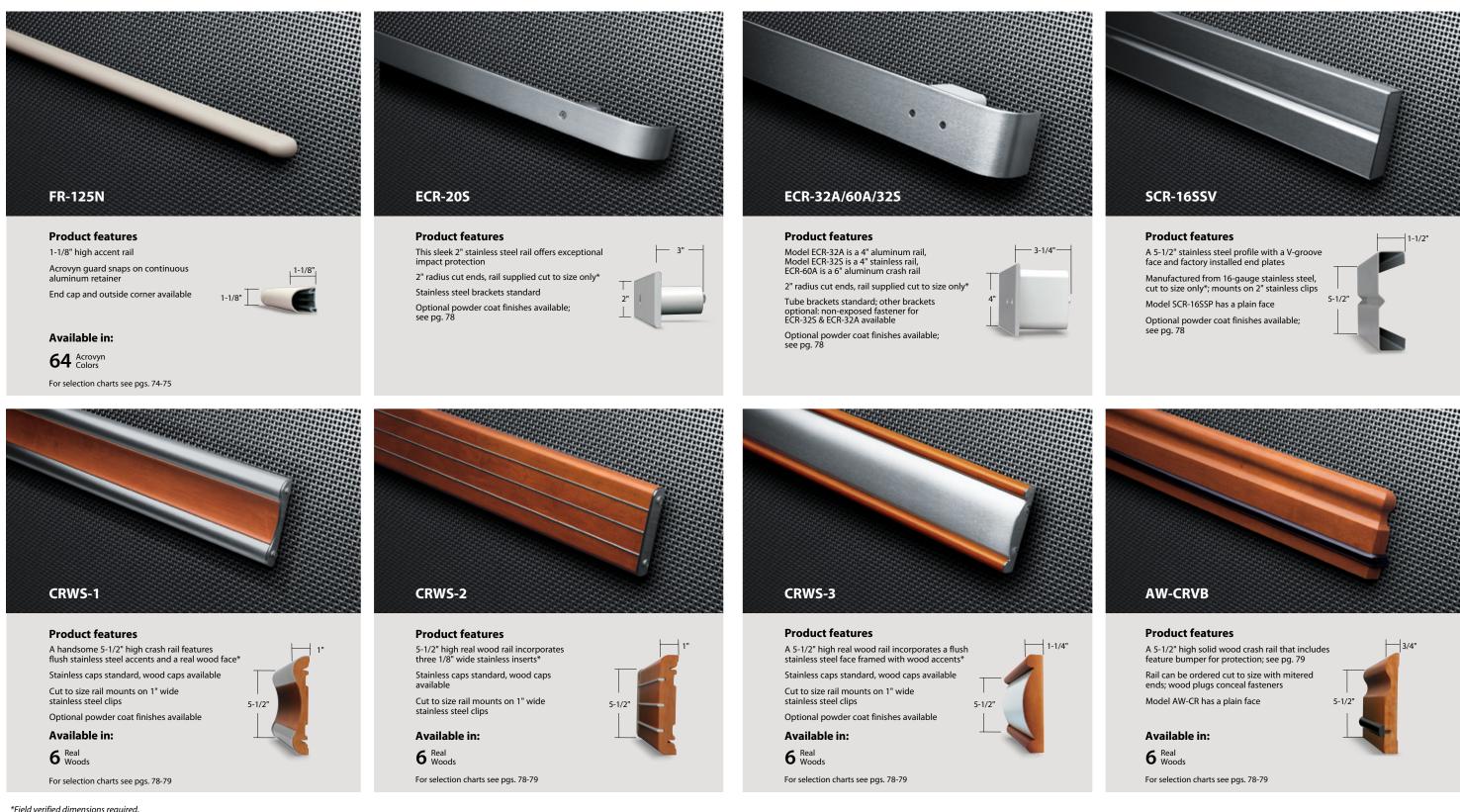


1-3/8

For selection charts see pgs. 74-76

### Acrovyn<sup>®</sup> Crash Rails

#### $\bigotimes$ For comprehensive information on these products, visit www.c-sgroup.com/crashrails

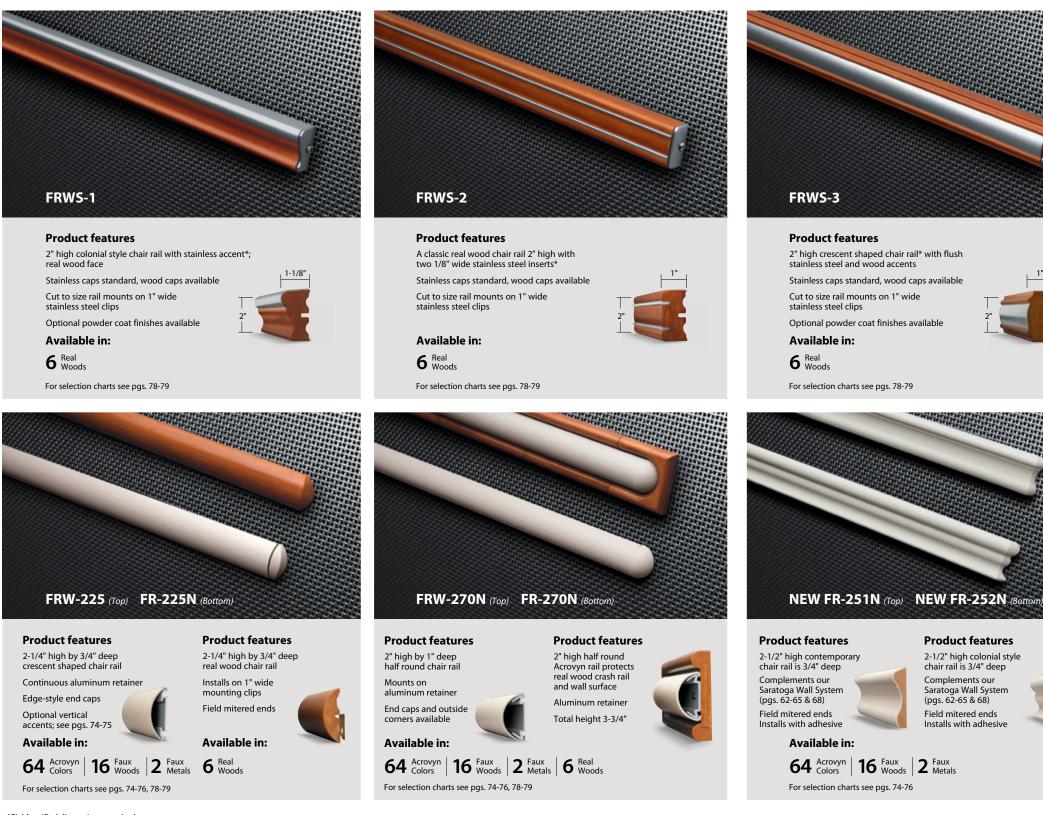


\*Field verified dimensions required.

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

### **Acrovyn' Feature Rails**

#### Solution Solution Solution for the separation on the separation of the separation of



\*Field verified dimensions required.

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



#### Product features

This classic 2-1/2" high chair rail is 3/4" deep Complements our Saratoga Wall System (pgs. 62-65 & 68) Field mitered ends Installs with adhesive





## Acrovyn<sup>®</sup> 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.

949 White (C2C Silver)	933 Mission White* (C2C Gold)	313 Vanilla (C2C Silver)	934 Pearl (C2C Gold)	322 Peanut Brittle (C2C Gold)	194 Chinchilla* (C2C Gold)
100 Eggshell (C2C Gold)	858 Pumice (C2C Gold)	253 Parchment (C2C Silver)	517 Teton White (C2C Gold)	321 Russet (C2C Gold)	320 Brick (C2C Silver)
519 Buttercream (C2C Silver)	310 Yosemite Sand (C2C Gold)	101 French Cream (C2C Gold)	920 Almond (C2C Gold)	311 Celery (C2C Gold)	521 Spanish Moss (C2C Silve
102 Desert Sand (C2C Gold)	254 Wheat (C2C Gold)	997 Irish Cream (C2C Gold)	186 Champagne (C2C Gold)	319 Saybrook Sage (C2C Silver)	324 Underseas (C2C Gold)
305 Mushroom (C2C Gold)	196 Fawn (C2C Gold)	103 Beige* (C2C Gold)	198 Beige Desert (C2C Gold)	223 Danube (C2C Gold)	957 Bluestone (C2C Silver)
866 Doeskin (C2C Gold)	479 Cappuccino (C2C Gold)	480 Toffee (C2C Gold)	303 Caramel (C2C Gold)	848 Aspen (C2C Gold)	129 Yale Blue (C2C Silver)
929 Oyster Gray (C2C Gold)	187 Tan Bark (C2C Gold)	513 Khaki Brown (C2C Gold)	105 Mocha (C2C Gold)	927 Folkstone (C2C Gold)	265 Fog (C2C Gold)
193 Gingerspice (C2C Gold)	307 Sienna (C2C Gold)	106 Brown (C2C Silver)	316 Chestnut (C2C Gold)	315 Galveston Gray (C2C Gold)	136 Pearl Gray (C2C Gold)

All colors are MBDC Cradle to Cradle Certified<sup>CM</sup> 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<sup>14</sup> Silver. Call 800-233-8493 for updated color information.

\* 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.



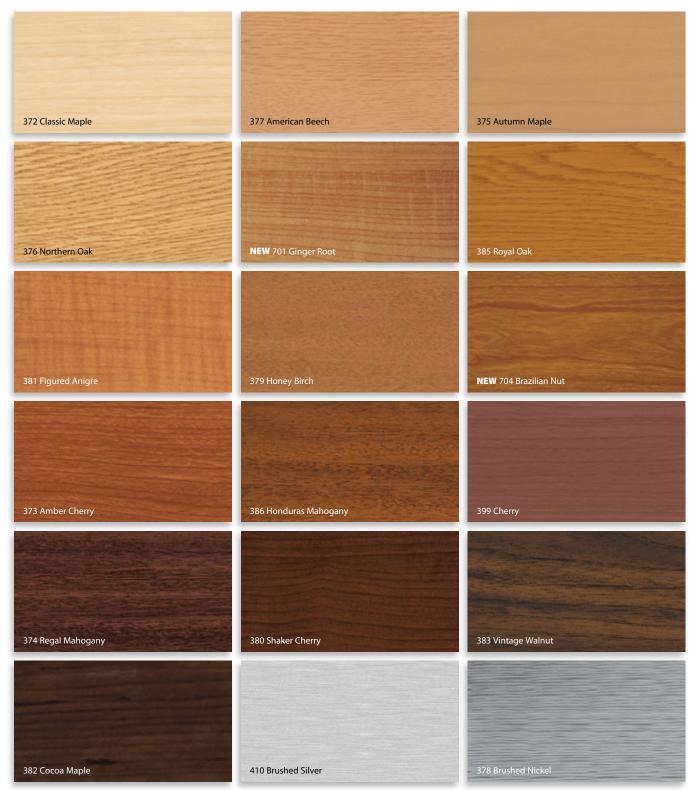
## Acrovyn<sup>®</sup> Chameleon<sup>®</sup> Simulated Wood & Metal



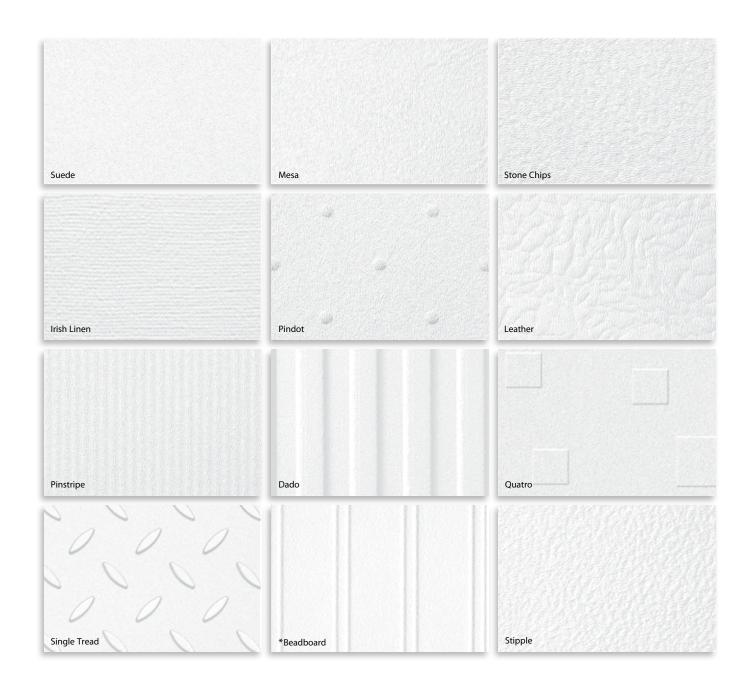
Cradle to Cradle Certified<sup>™</sup> is a certification mark of MBDC

## Acrovyn<sup>®</sup> Wall Covering & Panel Texture Collection

#### 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.



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.

# **Acrovyn<sup>®</sup> Renaissance Collection** Real Wood & Metal

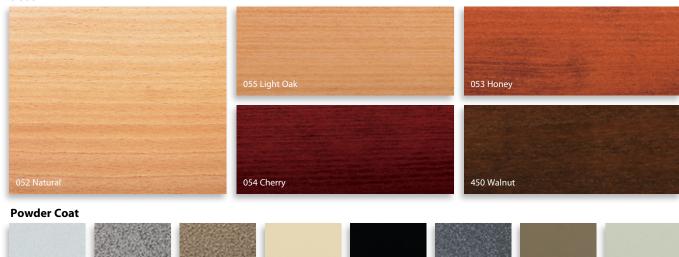






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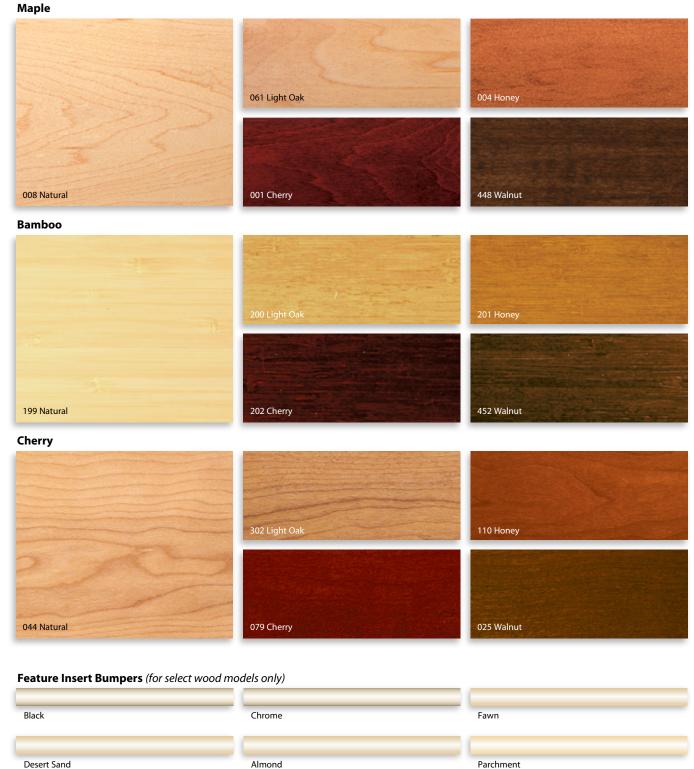
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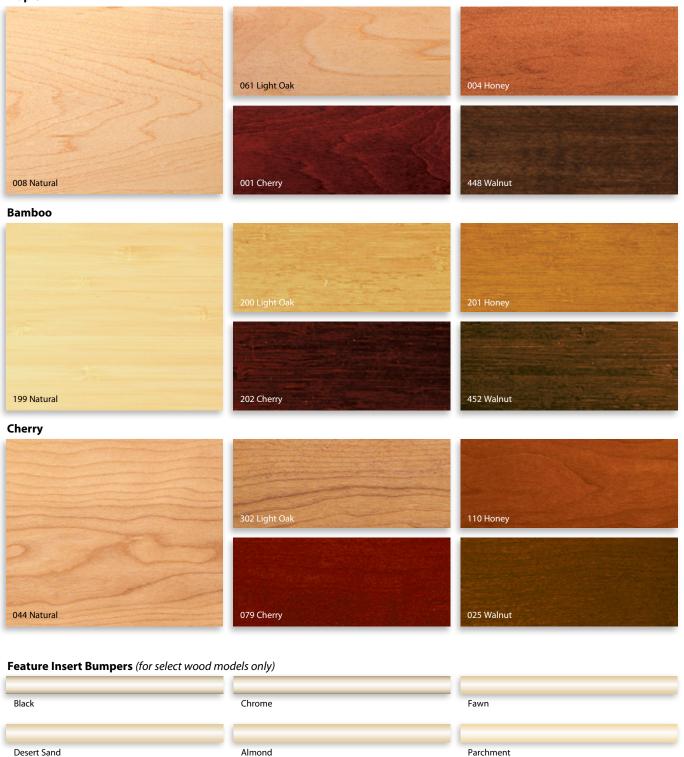


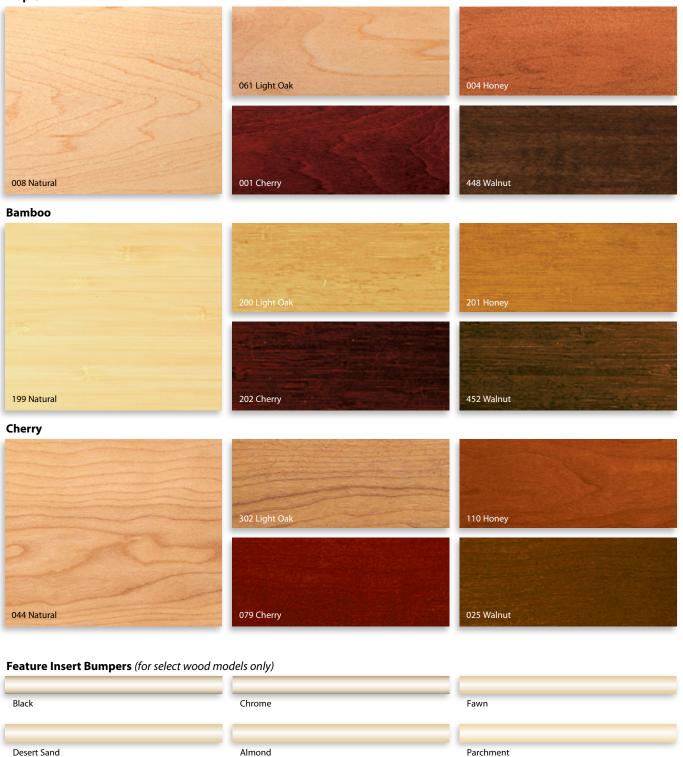


Custom wood species and finishes also available. Wood rail products are finished with waterborne finishes. \* Optional powder coat finishes are available on all models with visible stainless steel and aluminum components except CRWS-2 and FRWS-2.

All aluminum components for the Platform Handrails will be supplied with a powder coat finish.







	(
Black	Chrome
Desert Sand	Almond

**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.

### Construction Specialties™

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#### The C/S Family of Products

For more than 60 years, Construction Specialties has been a leader in architectural specialty products, including: Acrovyn<sup>•</sup> Wall and Door Protection, Pedisystems<sup>•</sup> 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 <u>www.c-sgroup.com</u>.



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

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