



ACROVYN® WALL & DOOR PROTECTION

For experiences  
*that endure.*



Construction Specialties®

# Helping you build *big dreams.*

We start with a simple promise: offer the highest quality service, products, and expertise to help the building industry create amazing places. And since 1948, we've done that by taking a listen-first approach to discover what you really need. That's led us to create innovative products, like the Acrovyn® line that revolutionised wall protection. It's also enabled us to not only solve problems but also to create opportunities to help you build better.









## Leading *with excellence.*

We're always challenging ourselves to live up to your highest standards. So, when you find that what's out there doesn't work for you, we strive to create what does. That means we're not just ready but willing to change our products to fit your project. It's an approach that's helped set the bar for the industry and can help you realise a world of possibilities.



**1948**

Edward and Mary Ellen Hallock established Construction Specialties in Newark, New Jersey, as a manufacturer's representative firm.

# 70+

Years of excellence in the  
architectural products  
industry





#### **LEADERS IN THE INDUSTRY**

We manufacture the highest quality interior products for architects, designers, engineers, and contractors to create resilient spaces and elevate the building industry.



# Solutions from *the inside out.*

A beautiful building is just the beginning. Our goal is to partner with you to transform your project into a vibrant space that positively impacts its occupants – whether that means protection from the elements, making a visual statement, or anything in between. Let's make it memorable together.

**ACROVYN WALL PROTECTION**  
**ACROVYN DOOR PROTECTION**  
**ACROVYN DOORS**

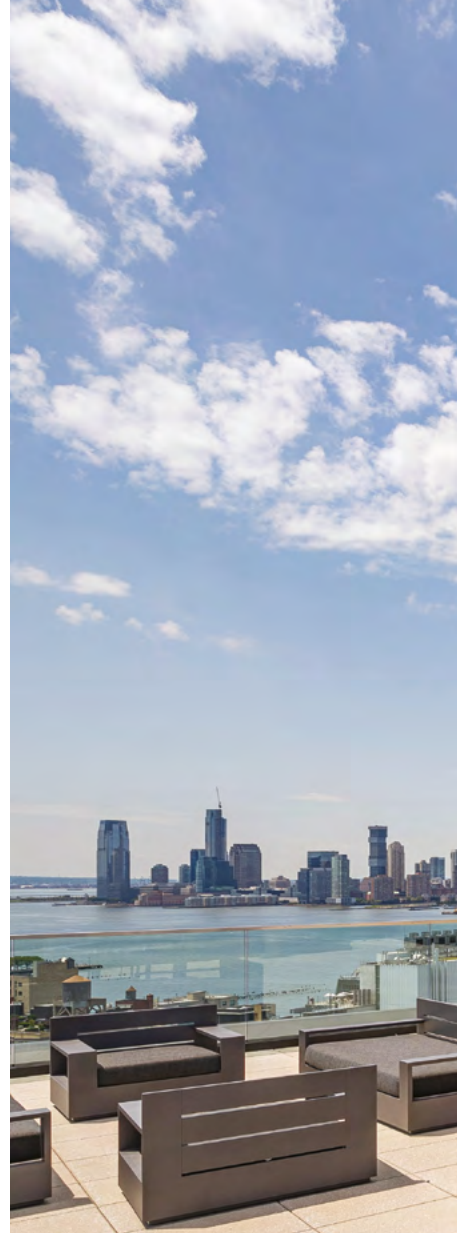
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**ENTRANCE FLOORING SYSTEMS**  
**EXPANSION JOINT COVERS**  
**ARCHITECTURAL LOUVRES**  
**SUN CONTROL SOLUTIONS**  
**PRESSURE RELIEF VENTING**



View our full  
product range:

[www.c-sgroup.co.uk/28](http://www.c-sgroup.co.uk/28)







412 WEST 15TH STREET  
NEW YORK, US  
RAIN DEFENCE LOUVRES



ROYAL ORTHOPAEDIC  
HOSPITAL, LONDON, UK  
COMBINED HAND/CRASH RAILS  
ACROVYN BY DESIGN  
BED HEAD PROTECTION



INTERIOR PRODUCTS

Acrovyn®  
*Wall & Door Protection*



Construction Specialties®





# The gift of *choice.*

Every project is unique, requiring different levels of protection, performance characteristics and design options. Whatever your needs and budget – we've got it covered.



## SOLUTIONS FOR ALL BUILDINGS

From light duty rub rails for waiting rooms, durable wall and door finishes for all the busy areas in your building, or robust profiles capable of withstanding impact from wheeled equipment, the Acrovyn range makes it easy to create a complete interior protection scheme for any environment.



## SAFE MATERIALS

All Acrovyn materials are free from persistent bio-accumulative toxins (PBTs), Bisphenol-A (BPA) and halogenated or brominated fire retardants. They don't contain any heavy metals and have achieved A+ Class rating when tested for the release of Volatile Organic Compounds (VOCs), allowing you to specify with confidence.

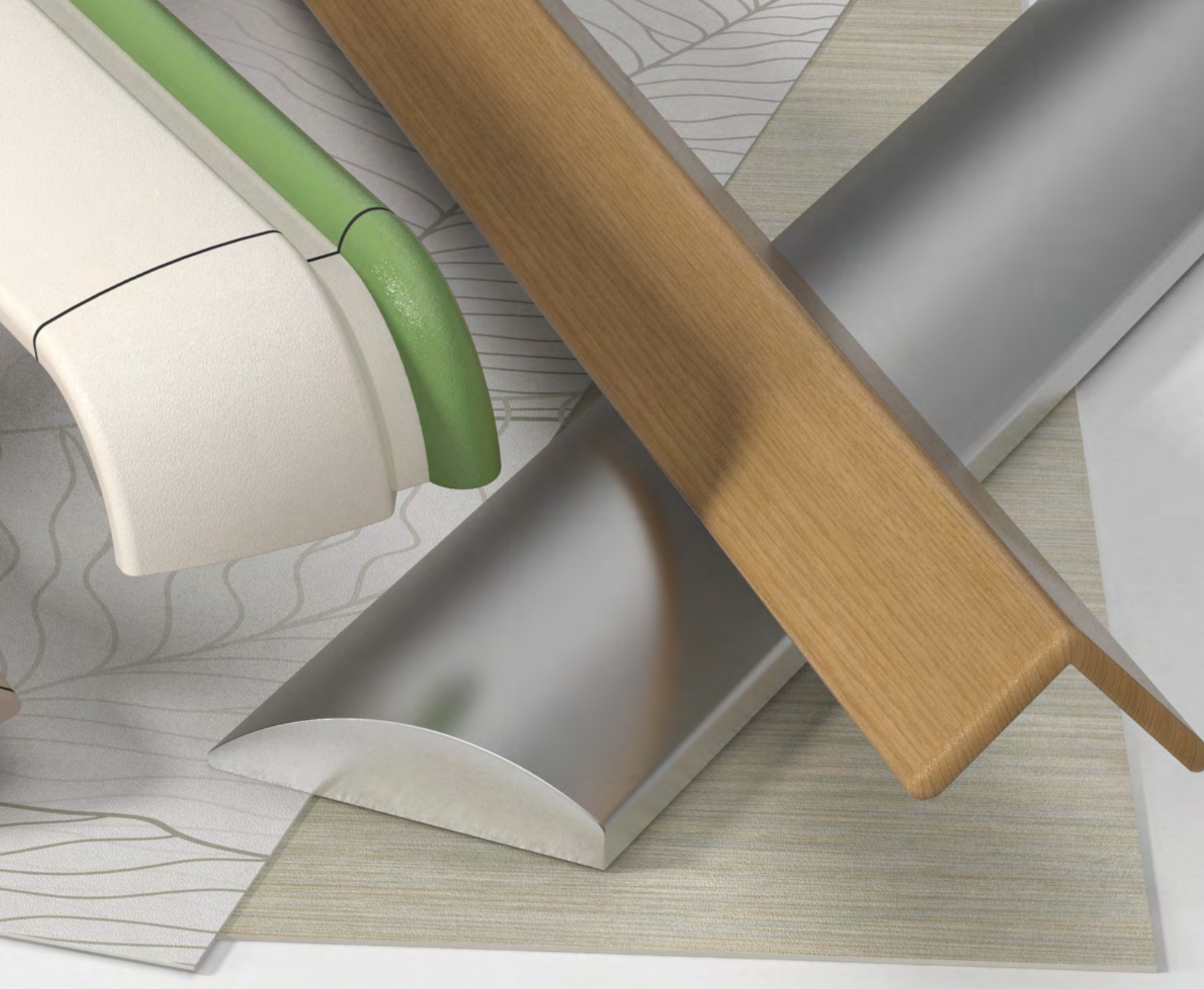


## SUSTAINABLE CHOICES

Acrovyn PVC-Free is our most environmentally friendly material, proven to be as strong and durable as original Acrovyn.

Our current offering includes a wide selection of wall protection profiles, as well as Bronze Level *Cradle to Cradle Certified*® textured sheet.





### **FIRE RATED SOLUTIONS**

Compliance with fire regulations is one of the most important considerations for any building.

Where applicable, we have highlighted the fire ratings of our products to make it easy for you to choose the right solution for your space.



### **BACTERICIDAL SOLUTIONS**

If infection control is your key concern, Acrovyn Bactericide will ensure long-term hygienic conditions.

Tested and proven effective against the most commonly occurring hospital and food bacteria species, Acrovyn Bactericide is available as sheets, handrails and bed head protectors.

### **NEED HELP SPECIFYING?**

Browse our website for best practice guidance and project inspiration.



[www.c-sgroup.co.uk/14233](http://www.c-sgroup.co.uk/14233)



## Find *your style.*

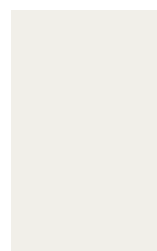
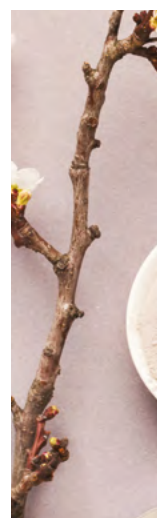
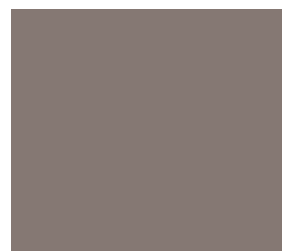
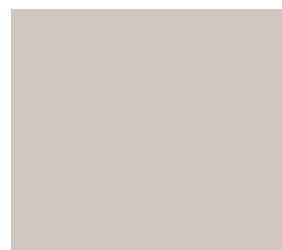
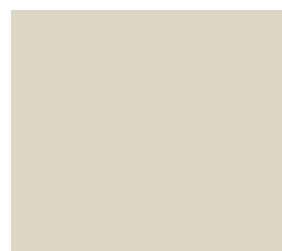
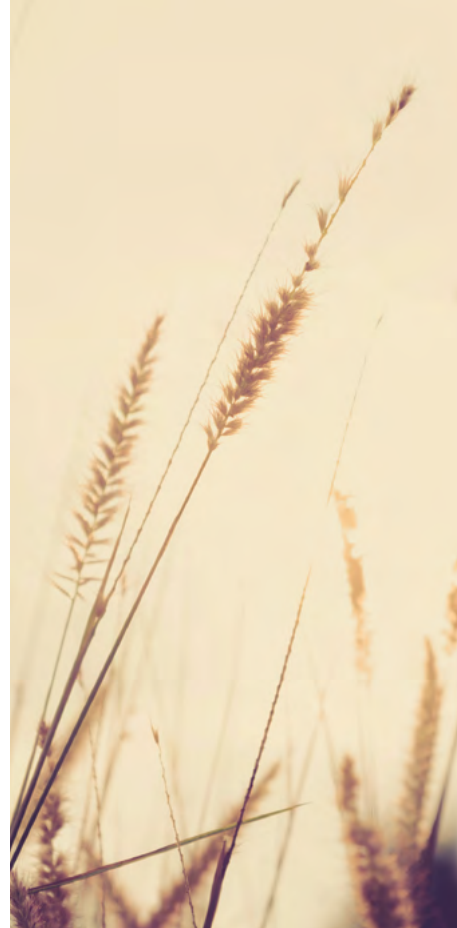
With so many options to choose from, there's truly a look for everyone. Our Acrovyn® wall protection comes in a wide selection of neutral and vibrant solid colours, with some models available in woodgrain, brushed metal and concrete finishes, to help you fit every mood, desire, and vision.

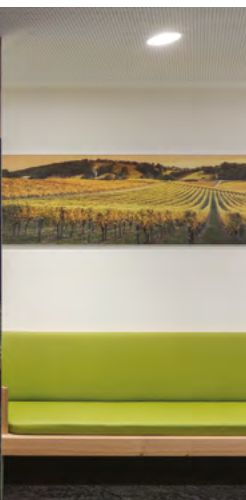
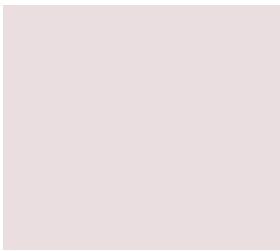
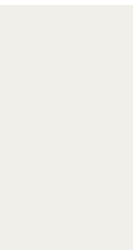
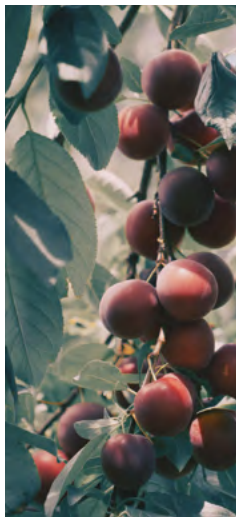
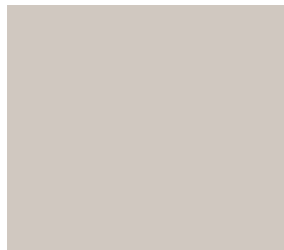
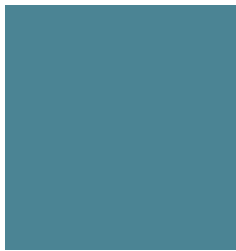
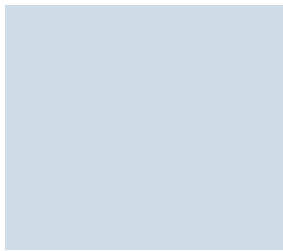
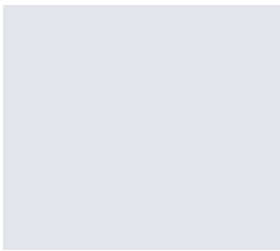
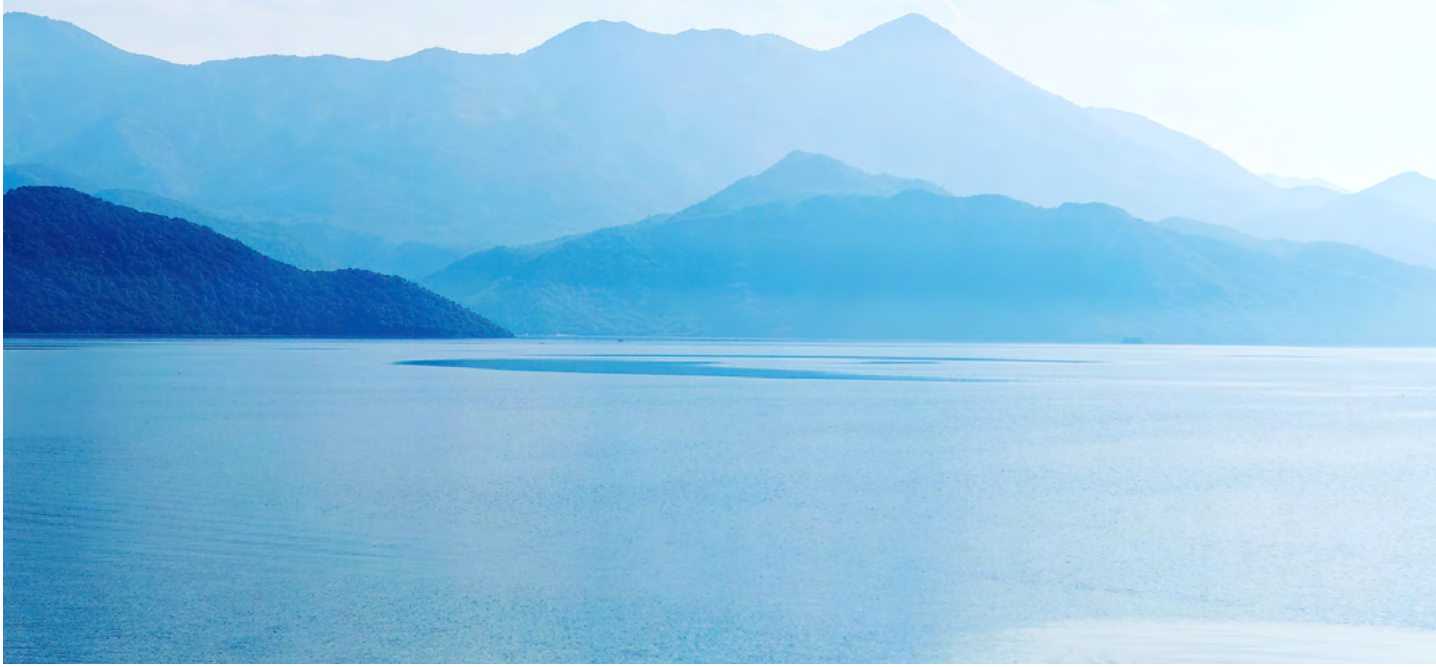
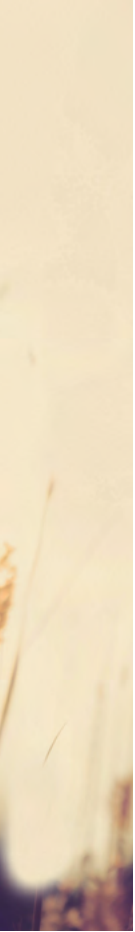
Coordinate with Acrovyn by Design®, our bespoke surface protection, to evoke a sense of connection with nature, or add an extra level of luxury and a unique touch to your space.



Explore  
Acrovyn Colours

[www.c-sgroup.co.uk/2445](http://www.c-sgroup.co.uk/2445)







# Customise *your protection.*

The days of functional wall protection are over. Acrovyn® gives you the freedom to realise your design vision with a range of flexible options. Now, you can create beautiful interiors that last.



## MURALS AND CUSTOM SHAPES

Acrovyn Sheet is a versatile material that is easy to cut, shape and form, allowing you to create resilient and aesthetically pleasing environments. Imaginative, bright wall murals, durable signage and logos, or decorative door protection can be readily achieved.



## BESPOKE IMAGERY AND GRAPHICS

When it comes to Acrovyn by Design, the possibilities are truly endless. Your graphics, photos, patterns or custom messaging will be safely embedded behind a durable layer of clear PVC-Free sheet, transforming your interiors into welcoming, healing, inspiring, energising or relaxing spaces that stand the test of time.



## BESPOKE COLOURS

We understand the importance of colour in your design. If your desired shade isn't part of our extensive standard palette, we can manufacture bespoke colours to meet your needs<sup>1</sup>. Alternatively, Acrovyn by Design offers a solid colour printing option, harmonising with your wall finish or interior decor while keeping your spaces protected.



For inspiration and more information, visit:

[www.c-sgroup.co.uk/17146](http://www.c-sgroup.co.uk/17146)

<sup>1</sup> Minimum order quantities apply. Please contact us to discuss your requirements.





# The investment *of a lifetime.*

From gyms and universities to care homes and hospitals, any space that sees a lot of traffic should pay extra attention to its walls. Acrovyn® has been the trusted interior wall protection for more than 50 years. Why? Because it lasts.

Acrovyn's textures are expertly crafted to subtly veil scuffs and abrasions without compromising ease of cleaning. This perfect balance between texture and protection keeps your interiors looking beautiful for years. We bet you'll get tired of looking at it before it wears out.

## CLEANABILITY

When it comes to hygiene, Acrovyn has been proven to be resistant to bacterial and fungal growth. Additionally, some of our solutions are enhanced with bactericidal additives uniformly distributed throughout the material, offering an extra level of protection.

Acrovyn's texture guards against dents and scratches where bacteria can hide. Plus, it can be cleaned easily with just soapy water or commonly used cleaning products, saving you time and money on maintenance and helping to reduce the risk of Hospital-Acquired Infections (HAIs).



View our  
Cleaning Guidelines  
here:

[www.c-sgroup.co.uk/37968](http://www.c-sgroup.co.uk/37968)







**DOBIE HIGH SCHOOL**  
**HOUSTON, US**  
CORNER GUARDS  
ACROVYN BY DESIGN



# Protection, *perfected.*

Tried and tested in thousands of facilities worldwide, Acrovyn® offers you the best of both worlds: a customisable aesthetic with exceptional durability and performance capabilities. Our line of interior protection solutions is designed to ensure the longevity and flawless appearance of all types of buildings.

## SHEET + WALL PANELS

*Acrovyn Sheet*

*Acrovyn by Design*

*Acrovyn Wall Panels*

Our durable wall finishes combine desired functionality with beautiful aesthetics. Take your pick from a palette of neutral and vivid solid colours, realistic woodgrain, metal or concrete finishes, or incorporate your graphics with Acrovyn by Design for that totally bespoke effect.

## CORNER GUARDS

*Acrovyn Corner Guards*

*Stainless Steel Corner Guards*

*EPDM Rubber Corner Guards*

Preventing damage to wall corners and other structural protrusions is easy with our durable corner guards. Choose from a wide range of materials and finishes to find the protection that best suits your requirements and budget.

## HANDRAILS

*Acrovyn Handrails*

*Metal Handrails*

*Timber Handrails*

Offering a comfortable grip and robust mobility support in corridors, our handrails are available in a range of materials and colour options to complement any design. Some models can be installed in continuous runs in staircases.

## HAND / CRASH RAILS

*Acrovyn Hand/Crash Rails*

A range of products ideal for areas where impact damage is expected and pedestrian support is required. They are available in different styles and mounting options, including Quick Lock brackets and anti-ligature solutions.

## CRASH RAILS

*Acrovyn Crash Rails + Bumper Guards*

*Stainless Steel Crash Rails*

*EPDM Rubber Crash Rails*

Designed to effectively protect the walls of corridors, waiting rooms and lobbies, our crash rails are offered in a variety of styles and duty ratings, from simple rub rails to EPDM rubber solutions that will stand up to severe impact.

## BED HEAD PROTECTORS

*Bed Head Protection Profiles*

*Flat Bed Head Protection*

Used primarily in care settings, bed head protection solutions prevent impact damage to walls and wall mounted equipment or can be used to personalise spaces.

## DOOR + FRAME PROTECTION

*Door Protection*

*Door Frame Protection*

Custom-made to protect faces, edges and/or frames of new or existing doors, our solutions are available in a wide selection of standard colours, decorative finishes and in bespoke designs with Acrovyn by Design®.





**PENN STATE HEALTH  
HAMPDEN MEDICAL CENTER  
PENNSYLVANIA, US**  
ACROVYN PVC-FREE SHEET  
CORNER GUARDS  
CRASH RAILS



# The finishing *touch.*

Mix and match any of our durable Acrovyn® wall protection products to create a look that is tailored to your space and specific needs.

1

2

- 1 Acrovyn Textured Sheet
- 2 Handrail
- 3 Crash Rail
- 4 Acrovyn by Design® Bespoke Wall Covering
- 5 Door Protection
- 6 Corner Guard

3

4





5

6



INTERIOR PRODUCTS

# Acrovyn<sup>®</sup> *Wall Protection*







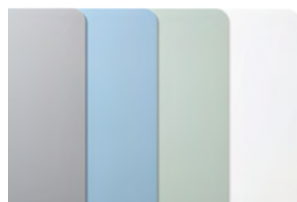
# Making and taking *an impact.*

Bring your dream space to life with our Sheet & Panel collection. More durable than painted finishes, wallpaper or laminate, Acrovyn® is designed to keep up with the toughest daily abuse whilst still being easy to maintain.



## TEXTURED SHEET

Our impact resistant sheet can be used in a variety of spaces to ensure functionality, protection and pleasing decor. Choose from a wide range of colours in PVC or PVC-Free, or select our decorative finishes to create a welcoming and long-lasting interior.



## ACROVYN BACTERICIDE

Developed to help combat the threat of hospital acquired infections (HAIs), our Acrovyn Bactericide Sheet is proven to kill bacteria on contact. Available in 2mm thick textured and smooth variants, it will remain effective throughout its long lifespan.



## SMOOTH SHEET

In sterile environments, an easy to clean and durable surface finish is essential. An alternative to tiles, our Acrovyn Smooth Sheet won't crack under impact and is suitable for steam cleaning.



## ACROVYN BY DESIGN®

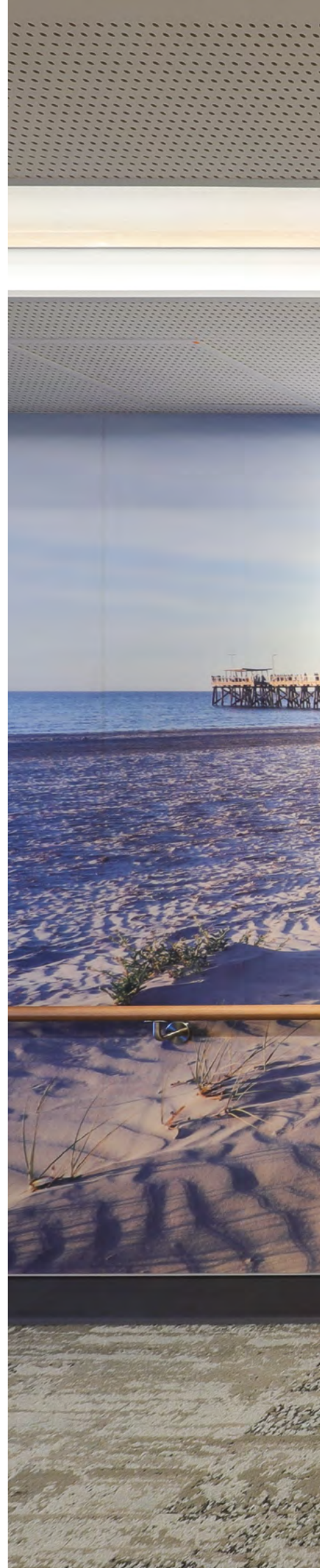
Patterns, logos, photographs—any unique visual statement that you imagine, we can embed. Acrovyn by Design is loved by architects, interior designers, and owners for its ability to create stunning interiors without the worry of damage.



## WALL PANELS

Designed for the protection of walls in high-traffic areas, Acrovyn Wall Panels comprise our impact resistant Acrovyn Sheet adhered to a rigid MDF board.

Where high fire resistance is vital, Acrovyn FP Panels offer a durable finish to A1 or A2-s1, d0 rated substrates.







**CALVARY ADELAIDE HOSPITAL**  
**AUSTRALIA**  
ACROVYN BY DESIGN  
HANDRAILS



# Compare Rigid Sheet Options

Available in a range of materials, textures and finishes to deliver the required aesthetic and functionality to your interior spaces. Protect both your walls and your budgets with Acrovyn®.



For more information and to download Product Sheets, visit:

[www.c-sgroup.co.uk/413](http://www.c-sgroup.co.uk/413)



Material	PVC			PVC with Bactericide <sup>1</sup>
				
Product Name	Acrovyn Textured Sheet	Acrovyn Smooth Sheet	Acrovyn Decorative Finishes	Acrovyn Bactericide <sup>1</sup>
Standard Colours	36 solid colours	10 solid colours	6 woodgrains 3 concretes, 3 metals	Textured 6 colours, smooth 1 colour
Texture	Suede	Smooth	Suede	Suede or Smooth
Thickness	2 mm	2 mm	2 mm	2mm
Maximum Size	3000 x 1300 mm or 2440 x 1300 mm	3000 x 1300 mm	3000 x 1250 mm	3000 x 1300 mm
Fire Rating	B-s2, d0 <sup>2</sup>	B-s2, d0 <sup>2</sup>	M1 <sup>3</sup>	B-s2, d0 <sup>2</sup>
Environmental Certifications	EPD	EPD	-	-

<sup>1</sup> Incorporates an anti-microbial additive, Sanitised® zinc pyrithione, which will remain effective throughout the product's lifecycle. Tested to ISO 22196 and classified according to EN 1040. Sanitised® is a registered trademark of Sanitized AG. For further details and test results refer to Product Sheet.

<sup>2</sup> Fire rating class, classified according to EN 13501-1, under conditions laid down in the relevant test reports, which are available on request.

<sup>3</sup> Fire rating class, classified according to NF P 92-512:1986, test report available on request.





PVC-Free		Stainless Steel (304L)
		
Acrovyn PVC-Free Textured Sheet	Acrovyn by Design	Acrovyn Stainless Steel Sheet
36 solid colours	Bespoke imagery, graphics or colours	Silver-grey
Suede	Suede	Brushed
1.5 or 1 mm	1 mm	1 mm
3000 x 1300 mm	3000 x 1270 mm; large murals consist of multiple sheets	2500 x 1250 mm
B-s1, d0 <sup>2</sup>	-	Considered class A1 (non-combustible)
EPD Cradle to Cradle Certified® Bronze	-	-





## ACROVYN WALL PROTECTION - PANELS



Material	PVC or PVC-Free Sheet on MDF Board	Gypsum-Fibre Board with Textured Acrylic Coating
		
Product Name	Acrovyn Wall Panels	Acrovyn FP Panels
Panel Finish	2 mm PVC sheet (textured or smooth) or 1.5 mm PVC-free sheet (textured)	Acrylic coating
Texture	Suede texture or smooth	Light texture
Colours	Solid colours: 36 (textured) + 10 (smooth)	Matched to Acrovyn colours + RAL colours
Overall Thickness	11 mm (inc. 9 mm thick MDF as standard)	12.5 mm
Maximum Size	2400 x 1200 mm	1250 x up to 1250 mm (part height applications) 1250 x up to 2530 mm (full height applications)
Edges	Unfinished (trims available), wrapped on 2 edges or wrapped on 4 edges	Unfinished (trims available)
Fire Rating	Standard MDF board is non-rated; MDF tested to EN 13501 can be supplied if required	A2-s1, d0 <sup>1</sup>

<sup>1</sup> Fire rating class, classified according to EN 13501-1. Panels must be installed to a substrate of reaction to fire class A1 or A2-s1, d0 using A2 rated adhesive. Test reports available on request.

## Compare Wall Panels

Our rigid wall panels are designed for permanent installation in high-traffic areas such as corridors and lifts, where damage often occurs.

Where stringent fire rating requirements exist, specify Acrovyn® FP Panels for a durable finish.



For more information and to download  
Product Sheets, visit:

[www.c-sgroup.co.uk/413](http://www.c-sgroup.co.uk/413)



ACROVYN FP PANELS INSTALLED  
WITH STAINLESS STEEL TRIMS



# Complement *your corners.*

External wall corners and other structural protrusions often bear the brunt of daily wear and tear, compromising the appearance, cleanliness, and safety of your interiors. Our robust and easy-to-maintain products not only preserve these corners, but also enhance hygiene and significantly cut down on maintenance expenses.



## **ACROVYN CORNER GUARDS**

From 75 mm wide leg models backed with aluminium retainers, to discreet, 30 mm wide and simple-to-install stick-on options, we've got corner guards to suit your level of protection requirements, corner angle and interior decor.



## **STAINLESS STEEL CORNER GUARDS**

Complementing our offering of stainless steel crash rails and handrails, these corner guards are ideal for hygiene-sensitive areas in commercial environments or kitchens.



## **EPDM RUBBER CORNER GUARDS**

Boasting excellent shock-absorbing and weather-resistant qualities, our EPDM Rubber guards are a perfect fit for back-of-house and delivery areas or car parks. Complementary crash rails are available.



**PRIMARY SCHOOL  
CZECH REPUBLIC**  
ACROVYN SHEET  
CORNER GUARDS

#### **DURABLE, FLEXIBLE AND REPLACEABLE**

Our heavy duty Acrovyn Corner Guards feature a continuous aluminium retainer for extra strength and durability. The replaceable, snap-on cover flexes upon impact and recovers to its original shape, while the textured finish minimises the appearance of scratches and abrasions.





# Compare Corner Guards





Browse through a range of materials, sizes and colours to find a solution that will protect your interior in style.



For more information and to download Product Sheets, visit:




[www.c-sgroup.co.uk/396](http://www.c-sgroup.co.uk/396)



Material	PVC				PVC-Free	
						
Product Name	SM-20	SSM-20	SM-20M	S0 Series	SM-20N	SSM-20N
Leg Size	76 mm	51 mm	76 mm	30, 50 or 75 mm	76 mm	51 mm
Angle	90°	90°	135°	90° - all sizes, 80 - 175° (50 mm)	90°	90°
Duty Rating	Heavy	Heavy	Heavy	Medium	Heavy	Heavy
Texture / Finish	Shadowgrain	Shadowgrain	Shadowgrain	Shadowgrain	Shadowgrain	Shadowgrain
Colours	27 solid colours	27 solid colours 12 finishes	27 solid colours	36 solid colours 12 finishes (50 mm)	15 solid colours	15 solid colours
Fixing Method	Mechanical fixing	Mechanical fixing	Mechanical fixing	Foam tape or adhesive	Mechanical fixing	Mechanical fixing



Ambulatory Treatment Unit  
Intensive Care Unit  
Intensive Care Waiting

PVC-Free	Stainless Steel (304L)	EPDM Rubber
		
TF-N	A Series	C Series
To order (min. 30, max. 645 mm)	30, 50 or 75 mm	75 or 100 mm
90°	90° as standard	90°
Medium	Heavy	Severe
Suede	Brushed	Smooth
36 solid colours	Silver-grey	Black
Foam tape or adhesive	Adhesive or mechanical fixing	Mechanical fixing and/or adhesive

#### SPECIFICATION GUIDANCE

Corner guards can be installed to cover either the full or partial height of the wall, depending on where the impact damage is likely to occur. Most of our models are available in stock lengths of 3 m, or can be supplied pre-cut to required size.

Acrovyn models starting with designations SM- and SSM- feature free-floating covers over a continuous aluminium retainer, and are supplied complete with top and bottom end caps. Covers are easily replaceable in case of damage.

The choice of corner guard colour can help with achieving an inclusive design, as colours that contrast with the wall will help visually impaired users identify obstructions and corners.

For LRV values of all our colours, visit:

**[www.c-sgroup.co.uk/2445](http://www.c-sgroup.co.uk/2445)**



# Mobility *with style.*

No matter the type of facility, our line of handrails is designed to help your building's occupants stay mobile. With a wide choice of material options, colours and finishes on offer, our handrails will complement interior design schemes whilst meeting legislative and functional requirements.



## ACROVYN HANDRAILS

Handrails featuring Acrovyn covers are durable and easy to clean. Choose from circular or oval-shaped options, in a wide spectrum of colours or decorative finishes to meet visual contrast requirements.



## TIMBER HANDRAILS

Our solid timber models with stainless steel accessories will add warmth and style to any interior. All of our timber comes from sustainable sources and carries FSC or PEFC certification.



## METAL HANDRAILS

Whether you are after the sleek look of stainless steel or a more economical, but still durable, aluminium handrail, we've got options to suit.



## ADAPTOR FOR STAIRCASE INSTALLATIONS

Designed to rotate around two axes to adjust to any required angle, our adaptor facilitates continuous handrail installation in staircases.

Available in 27 solid colours, it is compatible with HREB-6, HRE-6 and HRA-6 handrail models.





**LAPWING COURT RETIREMENT  
HOME, PETERBOROUGH, UK**  
TIMBER HANDRAILS



# Compare Handrails






From Acrovyn® Bactericide to Stainless Steel Handrails, with our wide range you can choose from options that suit the function and aesthetics of your interior. All our circular models can be installed to curved walls if required, with select models also suitable for continuous installation in staircases.



For more information and to download Product Sheets, visit:

[www.c-sgroup.co.uk/372](http://www.c-sgroup.co.uk/372)






Material	PVC with Bactericide <sup>1</sup>	PVC		PVC-Free	
					
<b>Product Name</b>	HREB-6 Series	HRE-6 Series	HRO-6 Series	HR-6N Series	HRO-6N Series
<b>Mounting Options</b>	Aluminium or stainless steel brackets	Aluminium or stainless steel brackets	Aluminium or stainless steel brackets	Stainless steel brackets	Aluminium or stainless steel brackets
<b>Shape</b>	Circular, 40 mm ø	Circular, 40 mm ø	Oval, 38 mm wide	Circular, 40 mm ø	Oval, 38 mm wide
<b>Wall Stand-off (Bracket Dependent)</b>	90 or 102 mm	90 or 102 mm	75 or 88 mm	89 or 101 mm	75 or 88 mm
<b>BS 8300 Compliant Option</b>	HREB-6-S87	HRE-6-S87	N/A	HR-6N-S87	N/A
<b>Texture or Finish</b>	Smooth	Smooth	Shadowgrain	Shadowgrain	Shadowgrain
<b>Colours</b>	27 solid colours	12 finishes	27 solid colours 12 finishes	15 solid colours	15 solid colours

<sup>1</sup> Incorporates an anti-microbial additive, Sanitised® zinc pyrithione, which will remain effective throughout the product's lifecycle. Tested to ISO 22196 and classified according to EN 1040. Sanitised® is a registered trademark of Sanitized AG. For further details and test results refer to Product Sheet.

<sup>2</sup> All our timber comes from sustainable sources and carries FSC or PEFC certification.



Timber	Stainless Steel (304L)	Aluminium
		
HRW-6 Series	HRS-6 Series	HRA-6 Series
Stainless steel brackets	Stainless steel brackets	Aluminium or stainless steel brackets
Circular, 40 mm ø	Circular, 40 mm ø	Circular, 40 mm ø
78 or 101 mm	89 or 101 mm	90 or 102 mm
HRW-6-S87	HRS-6-S87	HRA-6-S87
Supplied untreated or lacquered	Brushed finish	Clear anodised finish
Oak, Beech or Maple <sup>2</sup>	Silver-grey	Silvery-white







**FRANCISCA CEREJA CARE HOME  
SANTAREM, PORTUGAL**

HAND/CRASH RAILS  
HANDRAILS  
RUB RAILS  
CORNER PROTECTION



# Where function *meets design.*

Our robust line of hand/crash rails is designed to meet your interior protection needs while offering pedestrian support in circulation areas. Available in a choice of styles, sizes and configurations to suit your requirements.



## **HAND/CRASH RAILS**

Elegant and ergonomically designed, our products provide impact protection and comfortable pedestrian support. Available for installation on Quick Lock or on optional anti-ligature brackets.



## **COMBINED HAND/CRASH RAILS**

Exhibiting both style and strength, our combined hand/crash rails are fitted on robust stainless steel brackets, offering both code compliance and reliable protection.



## **MAKE IT EASY WITH QUICK LOCK**

Our innovative Quick Lock design eliminates the need for drilling holes in the retainer. As well as easy installation, it offers effortless and convenient removal with a mere half-turn twist at the bracket.

See how easy it is.



[www.c-sgroup.co.uk/3055](http://www.c-sgroup.co.uk/3055)



# Compare Hand/Crash Rails







Choose from Quick Lock™ mounted models for easy installation, or continuous bracket options where there is a risk of ligatures.





For more information and to download Product Sheets, visit:

[www.c-sgroup.co.uk/133](http://www.c-sgroup.co.uk/133)



Material	PVC			PVC-Free		
						
<b>Product Name</b>	HRB-20 Series	HRB-4C Series	HRB-35 Series	HRB-20N Series	HRB-4CN Series	HRB-35N Series
<b>Mounting Options</b>	Quick Lock or anti-ligature brackets	Quick Lock or anti-ligature brackets	Quick Lock brackets	Quick Lock or anti-ligature brackets	Quick Lock or anti-ligature brackets	Quick Lock brackets
<b>Height</b>	143 mm	140 mm	89 mm	143 mm	140 mm	89 mm
<b>Wall Stand-off</b>	76 mm	76 mm	76 mm	76 mm	76 mm	76 mm
<b>Grip</b>	Oval	Rounded	Rounded	Oval	Rounded	Rounded
<b>Duty Rating</b>	Heavy	Severe	Heavy	Heavy	Severe	Heavy
<b>Colours</b>	27 solid colours; 12 finishes (top only); dual colour available	27 solid colours	27 solid colours	15 solid colours; dual colour available	15 solid colours	15 solid colours



PVC-Free	Timber/ PVC-Free
	
HRB-50N	HRBW-50N
Stainless steel brackets (BS 8300 compliant)	Stainless steel brackets (BS 8300 compliant)
220 mm	220 mm
101 mm (handrail) 120 mm (crash rail)	101 mm (handrail) 120 mm (crash rail)
Rounded 40 mm ø	Rounded 40 mm ø
Heavy	Heavy
15 solid colours, mixed or matched	3 timber species <sup>1</sup> (top); 15 solid colours (bottom)

<sup>1</sup> All our timber comes from sustainable sources and carries FSC or PEFC certification





# Flawless protection *for every condition.*

Our crash rails (also called bumper rails or guards) offer 24-7 protection where you need it most. Choose from a wide range of options to keep walls in your corridors, lobbies, waiting rooms and service areas in perfect condition.



## ACROVYN CRASH RAILS

Acrovyn crash rails come in a wide spectrum of shapes, sizes, material and colour/finish options to suit your aesthetic and functional protection requirements.



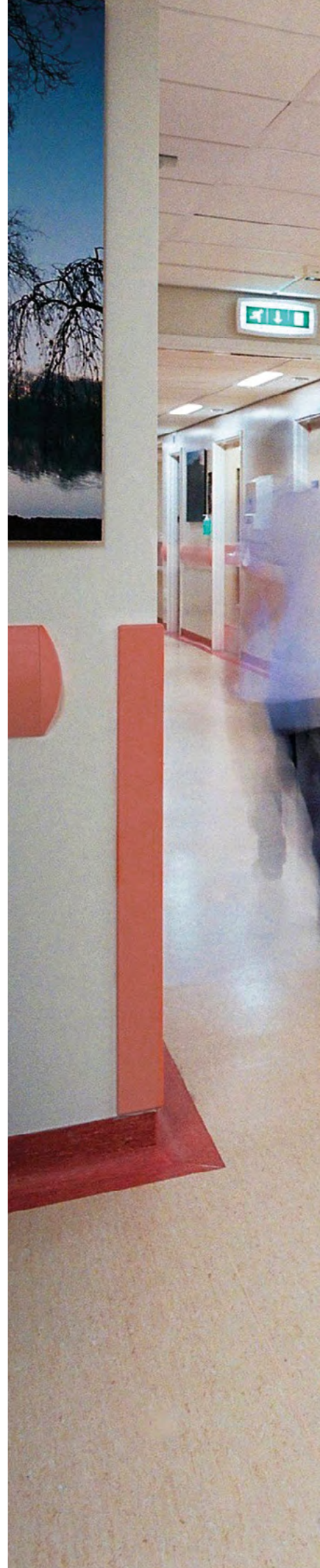
## STAINLESS STEEL CRASH RAILS

Offering a sleek and smooth appearance, stainless steel models are ideal for hotel, commercial and retail environments. The range includes a floor mounted product used to protect glazed corridors and other building features.



## EPDM RUBBER CRASH RAILS

These robust products, with excellent shock-absorbing and weather-resistant qualities, are perfect for protecting back-of-house, delivery areas, warehouses or car parks from damage caused by vehicular traffic, trolleys and carts.



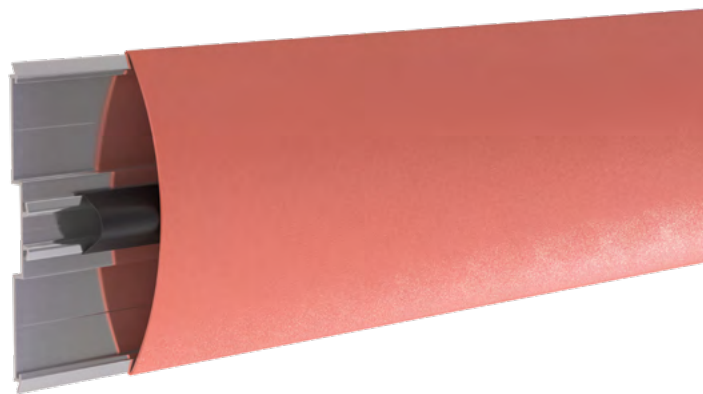


**NORTH MANCHESTER HOSPITAL  
MANCHESTER, UK**  
CRASH RAILS  
CORNER GUARDS  
DOOR PROTECTION



#### **CREATED FOR IMPACT AND RECOVERY**

Carts and heavy foot traffic are no match for our Acrovyn crash rails. Their durable covers flex under impact and recover to original shape, whilst aluminium retainers, equipped with bumper cushions, absorb the impact energy and dissipate it along the crash rail's length.





# Compare Crash Rails

From simple rub rails to severe duty crash rails mounted on Quick Lock™ brackets, our range is designed to meet your protection needs in style.




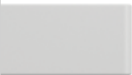
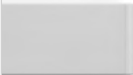


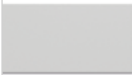
For EPDM Rubber and Stainless Steel models, see pages 46-47.



For more information and to download Product Sheets, visit:






[www.c-sgroup.co.uk/608](http://www.c-sgroup.co.uk/608)



Material	PVC							
								
Product Name	SCR-80 Series	SCR-50 Series	SCR-170 Series	SCR-200 Series	HCR-200	BG-10	FR-225	TP Series
Height	203 mm	127 mm	170 mm	203 mm	203 mm	102 mm	57 mm	100, 150, 200 or 300 mm
Wall Stand-off	35 mm	27 mm	35 mm	32 mm	83 mm (inc. Quick Lock)	60 mm	19 mm	3 mm
Profile Shape	Curved	Curved	Curved	Flat	Flat	Bullnose	Flat	Flat
Duty Rating	Heavy or medium <sup>1</sup>	Heavy or medium <sup>1</sup>	Heavy or medium <sup>1</sup>	Heavy or medium <sup>1</sup>	Severe	Medium	Light	Medium
Texture	Shadowgrain	Shadowgrain	Smooth (cover), Suede (insert)	Shadowgrain	Shadowgrain	Shadowgrain	Shadowgrain	Shadowgrain
Colours	27 solid colours 12 finishes	27 solid colours	27 solid colours, optional inserts 36	27 solid colours	27 solid colours	27 solid colours	27 solid colours	36 solid colours

<sup>1</sup> Duty rating dependent on the type of mounting selected.



PVC-Free				
				
SCR-80N Series	SCR-50N Series	SCR-150N Series	BG-10N	FR-225N
203 mm	127 mm	152 mm	102 mm	57 mm
35 mm	27 mm	32 mm	60 mm	19 mm
Curved	Curved	Flat	Bullnose	Curved
Heavy or medium <sup>1</sup>	Heavy or medium <sup>1</sup>	Heavy or medium <sup>1</sup>	Medium	Light
Shadowgrain	Shadowgrain	Shadowgrain	Shadowgrain	Shadowgrain
15 solid colours	15 solid colours	15 solid colours	15 solid colours	15 solid colours

### SPECIFICATION GUIDANCE

To ensure the right level of protection, the type and location of crash rails should be determined in relation to frequency and severity of impact, as well as the anticipated damage position.









Some of our models are available in a choice of duty ratings. Variants featuring continuous aluminium retainers are rated for Heavy Duty, whilst those mounted on aluminium clips offer Medium Duty protection.

Models with Acrovyn or Acrovyn PVC-Free covers are typically selected for general circulation areas. For other material options, refer to pages 46-47.



## ACROVYN WALL PROTECTION - CRASH RAILS



Material	Stainless Steel (304L)				EPDM Rubber			
								
<b>Product Name</b>	CRC-150	CRS Series	LLRSS	PP-76	200W Series	150W20	D-Section Series	60B
<b>Height</b>	150 mm	100, 150 or 200 mm	178 mm (floor mounted)	900 mm as standard	200 mm	150 mm	75 or 100 mm	60 mm
<b>Wall Stand-off</b>	36 mm	32 mm	140 mm	N/A	30 or 50 mm	20 mm	68 or 90 mm	30 mm
<b>Profile Shape</b>	Curved	Flat	51 mm ø rail	76 mm ø post 200 mm ø base	Flat	Curved	D-shaped	B-shaped
<b>Duty Rating</b>	Heavy	Heavy	Severe	Severe	Severe	Severe	Severe	Heavy
<b>Colour or Finish</b>	Silver-grey, brushed finish	Silver-grey, brushed finish	Silver-grey, brushed finish	Silver-grey, brushed finish	Black; light reflective tapes available	Black	Black	Black



## Compare Crash Rails

Some materials are well-suited to certain environments, such as stainless steel in kitchens and laboratories, or robust EPDM Rubber in delivery areas and car parks. Complementary Corner Guards are available for a seamless, integrated look.



For more information and to download  
Product Sheets, visit:

[www.c-sgroup.co.uk/608](http://www.c-sgroup.co.uk/608)





# Preserving *patient spaces.*

Typically used in healthcare facilities where patient beds are frequently moved around or adjusted, Acrovyn® Bed Head Protectors are designed to keep walls or wall mounted equipment free from damage.



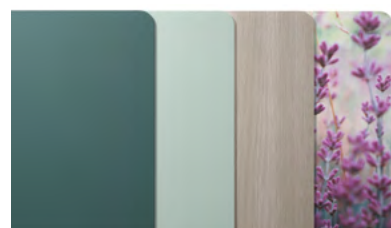
## **HORIZONTAL BED HEAD PROTECTORS**

Designed for areas where beds are frequently moved around, our protectors can be mounted on spacers or on custom length brackets to keep wall mounted equipment damage free.



## **VERTICAL BED HEAD PROTECTOR PAIRS**

Vertically mounted models are ideal for applications where bed heights are frequently adjusted. They are available in a range of styles and mounting options.



## **FLAT BED HEAD PROTECTION**

Acrovyn Sheet or Acrovyn by Design afford a bespoke, decorative and easy to maintain beadhead wall finish, which can be combined with our other options.





ROYAL ORTHOPAEDIC  
HOSPITAL, LONDON, UK  
BED HEAD PROTECTORS  
ACROVYN BY DESIGN

#### PERSONALISED IMPACT PROTECTION

Vertical bed head protection profiles absorb impact and keep beds away from the wall, allowing for bed height adjustment to suit patient needs.








Acrovyn Sheet or bespoke Acrovyn by Design provide an attractive, long-lasting and wipe clean wall finish.







ACROVYN WALL PROTECTION - BED HEAD PROTECTION

Material	PVC			PVC with Bactericide <sup>1</sup>	PVC-Free		
							
<b>Product Name</b>	BL-10H Series	BL-10V Series	BL-4C Series	BL-40V Series	BL-10HN Series	BL-10VN Series	BL-4CN Series
<b>Mounting Options</b>	Spacers or extended brackets	Spacers or extended brackets	Quick Lock or extended brackets	Stainless steel brackets	Spacers or extended brackets	Spacers or extended brackets	Quick Lock or extended brackets
<b>Size (inc. End Caps)</b>	1100 mm width (1600 mm max)	700 mm height	700 mm height	700 mm height	1100 mm width (1600 mm max)	700 mm height	700 mm height
<b>Wall Stand-off</b>	60 or 347 mm	60 or 347 mm	76 or 338 mm	104 mm	60 or 347 mm	60 or 338 mm	76 mm
<b>Profile Shape</b>	Bullnose	Bullnose	Flat	Circular	Bullnose	Bullnose	Flat
<b>Duty Rating</b>	Medium	Medium	Severe	Medium	Medium	Medium	Severe
<b>Texture</b>	Shadowgrain	Shadowgrain	Shadowgrain	Smooth	Shadowgrain	Shadowgrain	Shadowgrain
<b>Colours</b>	27 solid colours	27 solid colours	27 solid colours	27 solid colours	15 solid colours	15 solid colours	15 solid colours

<sup>1</sup> Incorporates an anti-microbial additive, Sanitised® zinc pyrithione, which will remain effective throughout the product's lifecycle. Tested to ISO 22196 and classified according to EN 1040. Sanitised® is a registered trademark of Sanitized AG. For further details and test results refer to Product Sheet.



# Compare Bed Head Protection

Our selection of durable profiles and wall finishes caters for a variety of situations and bed head protection needs.



For more information and to download Product Sheets, visit:

[www.c-sgroup.co.uk/2564](http://www.c-sgroup.co.uk/2564)

## FLAT BED HEAD PROTECTION

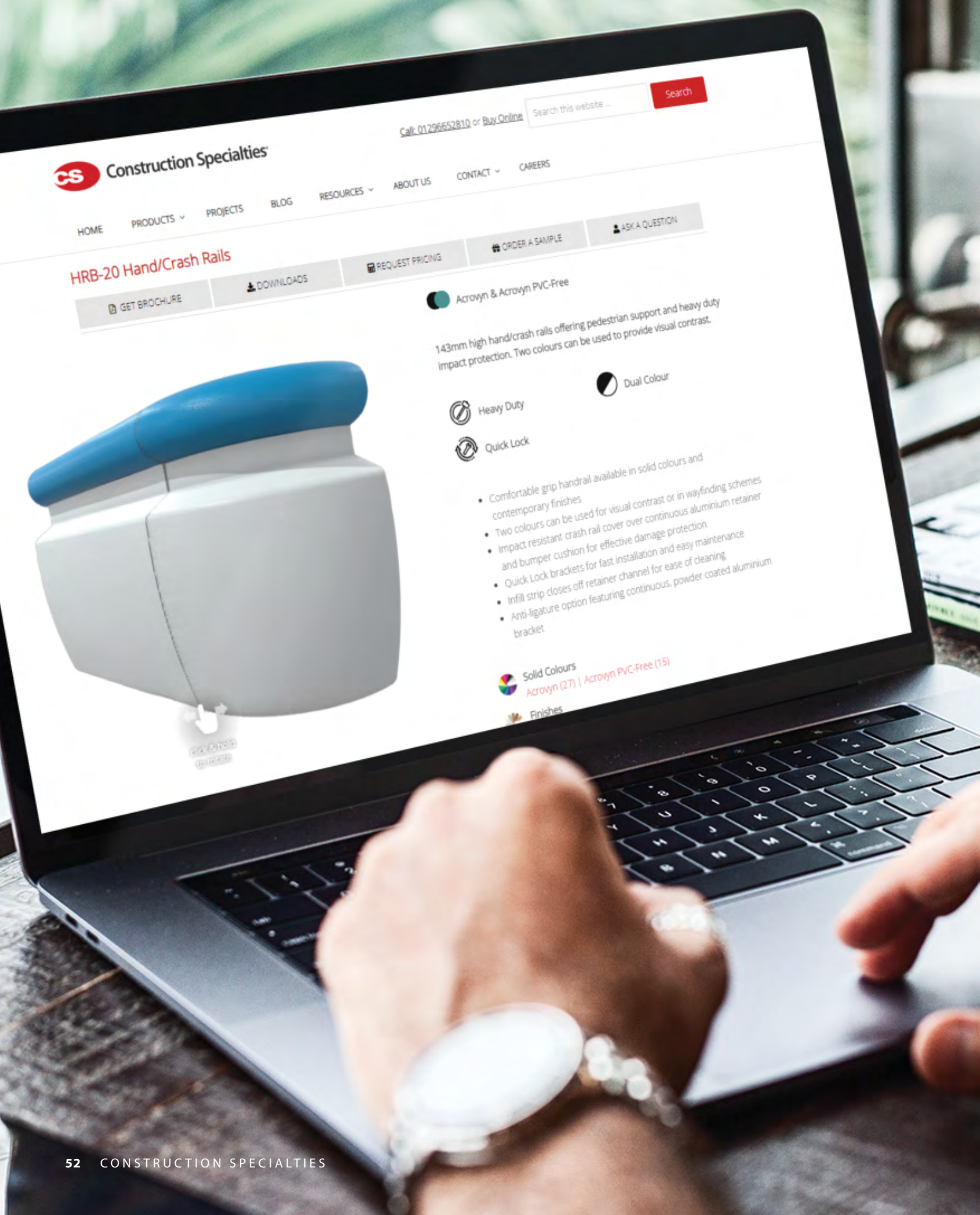
For a solution that complements your interior decor, select from durable Acrovyn Sheet variants, or incorporate your artwork into Acrovyn by Design to personalise and enhance your spaces.

All options can be specified as standalone or in combination with any of our bed head protection profiles.

See pages 26-27 for more detail.









## Need more *information?*

Browse our website to identify the best solution for your project. Find inspiration, compare products, dimensions, performance, and more – all in one place. Not sure? Contact us for assistance.

Explore wall protection options.

[www.c-sgroup.co.uk/29](http://www.c-sgroup.co.uk/29)



View a complete set of Product Sheets.

[www.c-sgroup.co.uk/ps-iwp-uk](http://www.c-sgroup.co.uk/ps-iwp-uk)





INTERIOR PRODUCTS

Acrovyn®  
*Door Protection*



Construction Specialties®





# Protect *doors and budgets.*

Doors and door frames are vulnerable to damage, and will often require periodic maintenance or replacement throughout the life of the building. Wood veneer or high pressure laminate just can't handle the same wear and tear as durable Acrovyn®, which has been protecting doors in thousands of facilities worldwide.



## KEY BENEFITS OF DOOR PROTECTION

**Hygiene** - prevents dents, cracks and scratches, which are an ideal breeding ground for bacteria

**Maintenance** - eliminates or reduces the need for premature replacement or repair, protecting budgets

**Appearance** - prevents deterioration of door surfaces over its life cycle





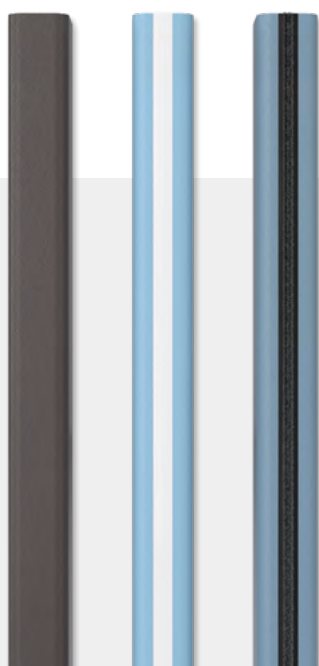


**PROSPECT PARK HOSPITAL  
DEMENTIA WARD  
READING, UK**  
DOOR FACE PROTECTION WITH  
ACROVYN BY DESIGN



# Doors *with an edge.*

Cracks and chips often happen at the door edge. Our Door Edge Protectors (DEPs) have been designed to withstand impacts and prolong the lifespan of timber core doors. If maintenance is needed, simply replace the edge – an easier and cost-effective alternative to replacing the door, with minimal downtime.



## ROBUST AND SAFE

Our DEPs can be applied to one or both edges of new or existing timber core doors, and can be used in combination with door face protection options if required.

Manufactured in sizes to suit 44 to 54 mm doors as standard, they are available in 36 colourways.

Suitable for use with 30 min or 60 min fire doors <sup>1</sup>, Acrovyn DEPs have been thoroughly tested to ensure their reliable performance.

<sup>1</sup> Acrovyn DEPs are designed and tested for use with fire door assemblies of proven fire resistance to current BS and EN test methods. They are not intended to upgrade non-fire rated door assemblies to fire resisting assemblies. For further information view Product Sheets.







# Tailored *to your needs.*

We know that no two projects are the same. With our flexible solutions, you can easily equip your doors with the right level of protection to ensure a long service life.



## DOOR CLADDING

Manufactured to custom sizes, door cladding protects faces and vertical edges. Configured from plates and channels or formed angles, it can be applied to the full or partial height of the door.



## DOOR FACE PROTECTION

Whether you wish to protect small areas of the door or its full face from damage, Acrovyn presents a simple and economical solution. Available in a wide range of standard designs or incorporating custom imagery or shapes.



#### **DOOR EDGE PROTECTORS (DEPs)**

Protect the edges of new or existing timber core doors with our robust DEPs. They can be applied to one or both door edges and are designed to be easily replaced in case of damage.

Thoroughly tested and proven to be suitable for use with 30 min or 60 min fire door assemblies.



#### **DOOR FRAME PROTECTION**

It is not just the doors that take a beating. Door frames and architraves can easily get damaged by mobile equipment being moved around.

Our Door Frame Protection is made to order and built up from a series of channel and angle sections to wrap around different styles of timber and metal door frames.



# Compare Door Protection Options

When applied to doors, Acrovyn® Sheet delivers a sturdy and easy-to-clean surface finish. It offers flexible configuration options to optimally safeguard your doors against wear and tear.



For more information and to download Product Sheets, visit:




[www.c-sgroup.co.uk/16726](http://www.c-sgroup.co.uk/16726)



Material	PVC			
Product Name	Door Cladding	Door Face Protection	Door Edge Protectors (to suit NFR, 30 min or 60 min rated doors)	Door Frame Protection
Door Protection Thickness	2 mm	2 mm	50 mm leg size, width to suit 44 to 54 mm thick doors	2 mm
Protected Areas	Door faces & edges	Door faces	Door edges	Door frames & architraves
Size	Full or partial door height	Full or partial door height	Full height (standard 2100 mm, max 2500 mm)	Full or partial height
Shape	Square cut plates & channels, or angles	Rectangular, 10 decorative designs + custom designs	Channel with infill strip	Combination of channels & angles
Colours	36 solid colours 12 finishes	36 solid colours 12 finishes	36 solid colours	36 solid colours 12 finishes

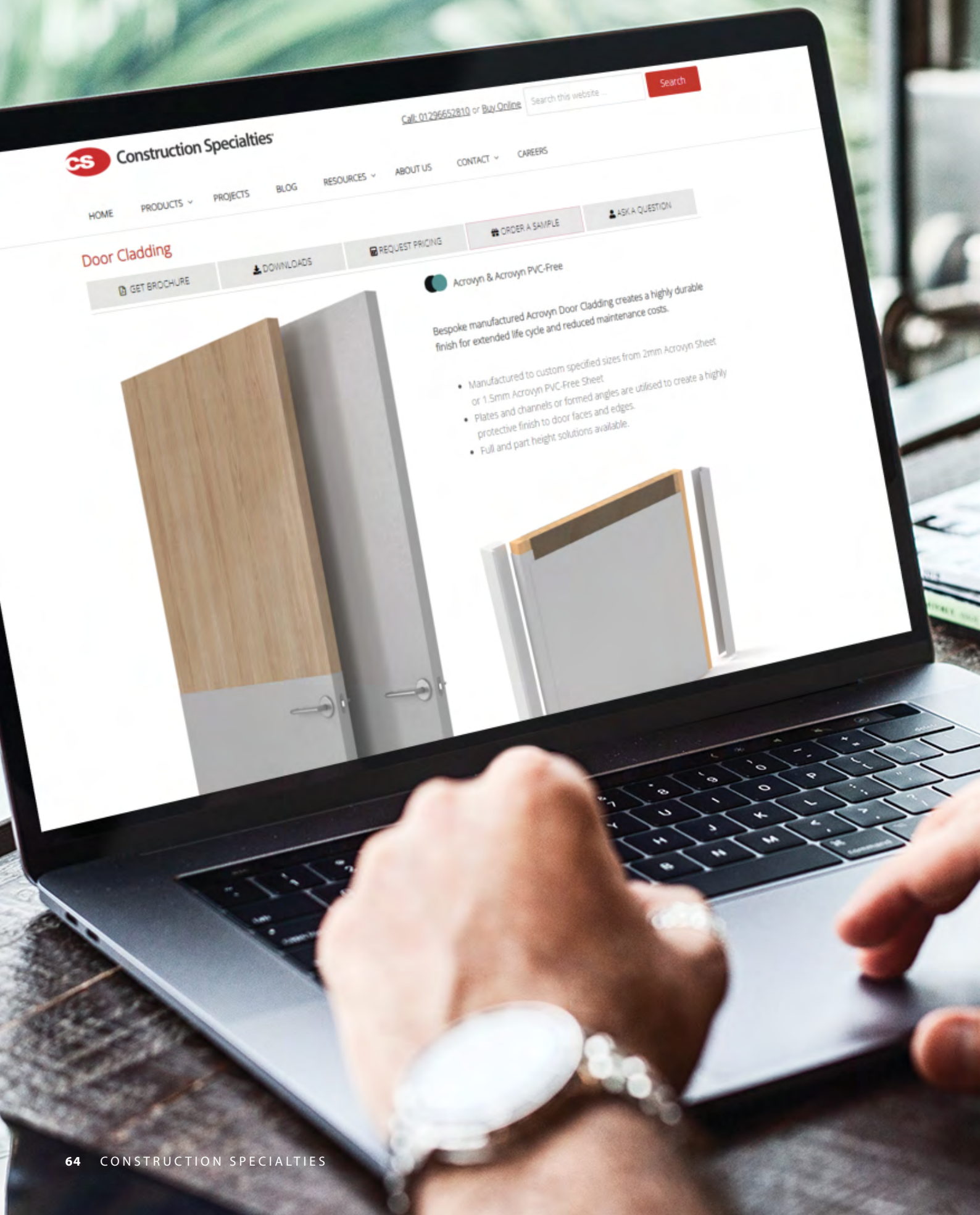
<sup>1</sup> AcrovynDEPs are designed and tested for use with fire door assemblies of proven fire resistance to current BS and EN test methods. They are not intended to upgrade non-fire rated door assemblies to fire resisting assemblies. For further information view Product Sheets.



PVC-Free		
		
Door Cladding	Door Face Protection	Door Frame Protection
1.5 mm	1.5 mm (solid colours) 1 mm (Acrovyn by Design)	1.5 mm
Door faces & edges	Door faces	Door frames & architraves
Full or partial door height	Full or partial door height	Full or partial height
Square Cut Plates & Channels, or Angles	Rectangular, 10 Decorative Designs + Custom Designs	Combination of channels & angles
36 solid colours	36 solid colours or custom colours/graphics (Acrovyn by Design)	36 solid colours









## Need more *information?*

Browse our website to identify the best solution for your project. Look for inspiration, compare products, dimensions, performance, and more – all in one place. Not sure? Contact us for assistance.

Explore door  
protection options:

[www.c-sgroup.co.uk/16726](http://www.c-sgroup.co.uk/16726)



View a complete set  
of Product Sheets.

[www.c-sgroup.co.uk/ps-iwp-uk](http://www.c-sgroup.co.uk/ps-iwp-uk)





INTERIOR PRODUCTS

# Acrovyn® *Doors*



Construction Specialties®





# Open the door *to new opportunities.*

Designed to withstand heavy impact, Acrovyn® Doors are ideal for any facility requiring a reliable and easy to maintain solution for high traffic areas. Postformed or fully encapsulated in our impact resistant Acrovyn® Sheet, they are available in a vast array of options and configurations to satisfy the operational, performance and aesthetic requirements of your project.

## DOOR SPECIFICATION OPTIONS

---

Fire Performance:

- FD30 or FD30S
- FD60 or FD60S
- Non-fire rated (NFR)

Door Thickness:

- 44 mm (FD30, FD30S, NFR)
- 54 mm (FD60, FD60S)

Door Core <sup>1</sup>:

- Graduated density chipboard (GDC)
- Laminated wood strip core

We offer a diverse range of cladding and doorset configurations, glazing and frame styles, as well as colours and finishes, allowing you to tailor a bespoke solution that perfectly meets your needs.

<sup>1</sup> FSC chain of custody certification can be supplied, if requested when the order is placed.





# Our doors stand *the test of time.*

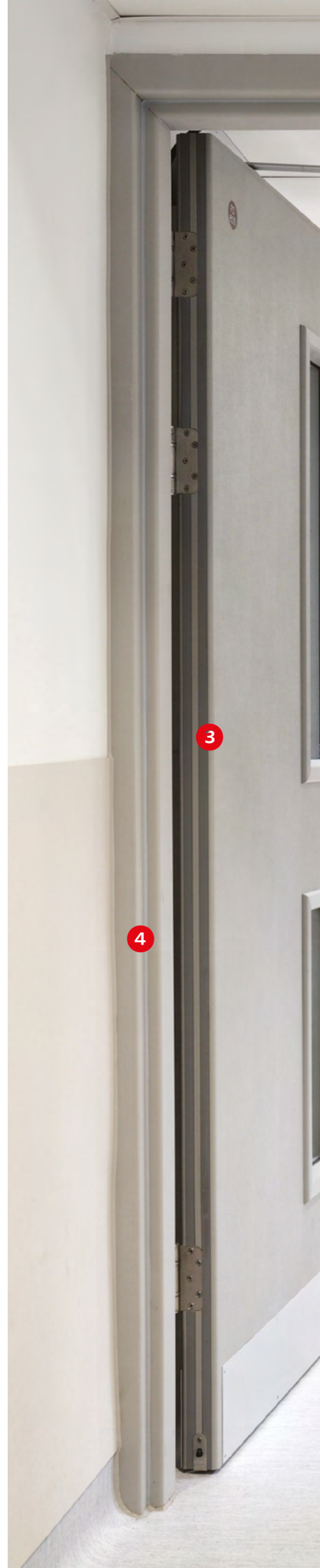
When assessed to EN 1192 for their strength and resistance to vertical load, static torsion and soft and heavy body impact, Acrovyn® Doors have been classified as Class 4 - Severe Duty. This means they're a reliable choice for any application, including environments prone to frequent and intense use.

- ❶ 2 mm thick, textured Acrovyn cladding applied to door faces and edges endures the toughest abuse
- ❷ The material hides scrapes and scuffs and is resistant to bacteria and fungi
- ❸ Wrapped edges are standard, and where a particularly severe duty solution is required, replaceable Door Edge Protectors can be applied to one or both door leaf edges.
- ❹ Doors are typically specified complete with a door frame and supplied factory pre-hung for the best possible fit. We recommend that the frames are also clad in Acrovyn to protect them from impact damage.



## DURABLE AND CLEANABLE

Our door finishes are designed to guard against chips and cracks where bacteria can live. Acrovyn Doors are easy to clean, resist the growth of bacteria, and can help reduce the risk of Hospital Acquired Infections (HAIs).





1

2



## Safety *matters.*

When it comes to fire performance, there's no room for compromise. This is why we've thoroughly tested our Acrovyn® Fire Doors, giving you the peace of mind that they won't fail when you need them most.

### FIRE TEST EVIDENCE

Acrovyn Fire Doors have been assessed under BS 476-22, achieving in excess of 30 min and 60 min fire resistance when tested as part of timber-based fire door assemblies.

Where smoke seals are incorporated into Acrovyn Doors to provide cold smoke control, the smoke seal elements have been independently tested to BS 476-31.1 and have achieved leakage rates not exceeding 3 m<sup>3</sup>/m/hr when tested at 25 Pa.

Fire Door  
Manufacture



If required, Acrovyn Fire Doors can be supplied under BM TRADA's Q-Mark Fire Door Manufacture Scheme, one of the most rigorous certification processes available for construction products.

Our unique certification number is 702.





Locations B501 - B502 →  
Locations B503 - B504 ←

Automatic  
fire door  
keep clear

FD  
30S



# A door *for every need.*

With so many different options to meet both functional and aesthetic needs, Acrovyn® Doors can be used in all market sectors, complementing interior design schemes.

HEALTHCARE

EDUCATION

SPORTS & LEISURE

TRANSPORT

COMMERCIAL

RETAIL



## THE BEST OF BOTH WORLDS

Opting for our doors delivers both high performance and aesthetic appeal in a single package. Select from a broad spectrum of colours, lifelike woodgrains, concrete, and metallic finishes to suit your design preferences. For certain cladding options, contrasting colours can be specified for glazing bead styles and door frames, assisting you in meeting legislative requirements while maintaining visual appeal.









# Door Configuration Options

Your Acrovyn® Doors will be made to your exact specification, from fire rating and dimensions to glazing bead configuration and colour.



For more information and to download Product Sheets, visit:

[www.c-sgroup.co.uk/2635](http://www.c-sgroup.co.uk/2635)



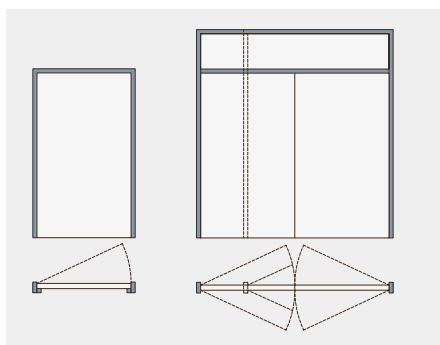
## CLADDING OPTIONS



You can choose to have Acrovyn applied to door faces and postformed around edges, or to fully encapsulate and seal your doors with it.

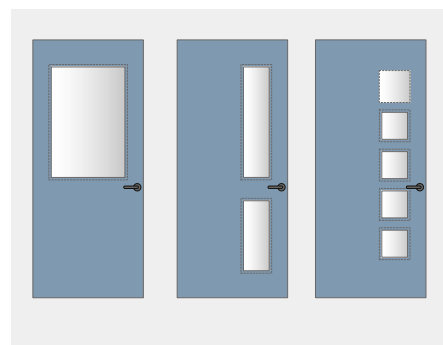
If you expect a lot of impact at door edges or want a contrasting door edge colour, simply select an option with replaceable Door Edge Protectors (DEPs).

## DOOR CONFIGURATIONS AND HANDING



From single acting single doorsets to double acting double doorsets with overpanels and anything in between, we can configure your doors to suit your needs.

## GLAZING CONFIGURATIONS

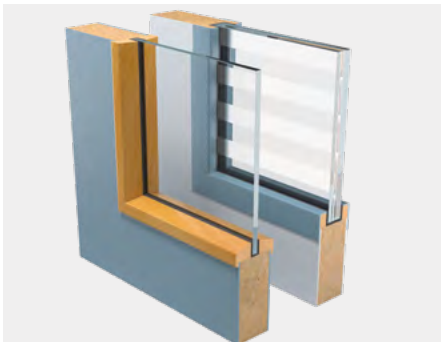


A wide selection of standard vision panel designs, including privacy panels and specialist solutions for X-ray areas are available.

Glazing units are manufactured to project specific sizes, within certain manufacturing limitations and in line with legislation requirements.

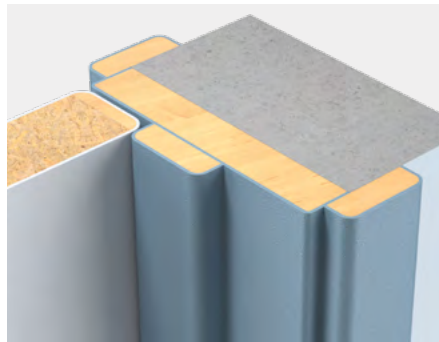


#### GLAZING BEAD OPTIONS



With options ranging from lacquered hardwood beads to a variety of Acrovyn wrapped designs that can either match or contrast with the door face finish, we ensure all your aesthetic and functional requirements are met. We also offer specialist solutions for cleanrooms and privacy panels, catering to diverse needs.

#### FRAME OPTIONS



Acrovyn Door frames are designed for a second fix installation into openings prepared on-site. Standard options include a solid frame construction and split frame variants for installation flexibility.

To satisfy visual contrast requirements, frames can be supplied in a contrasting colour to door leaves.

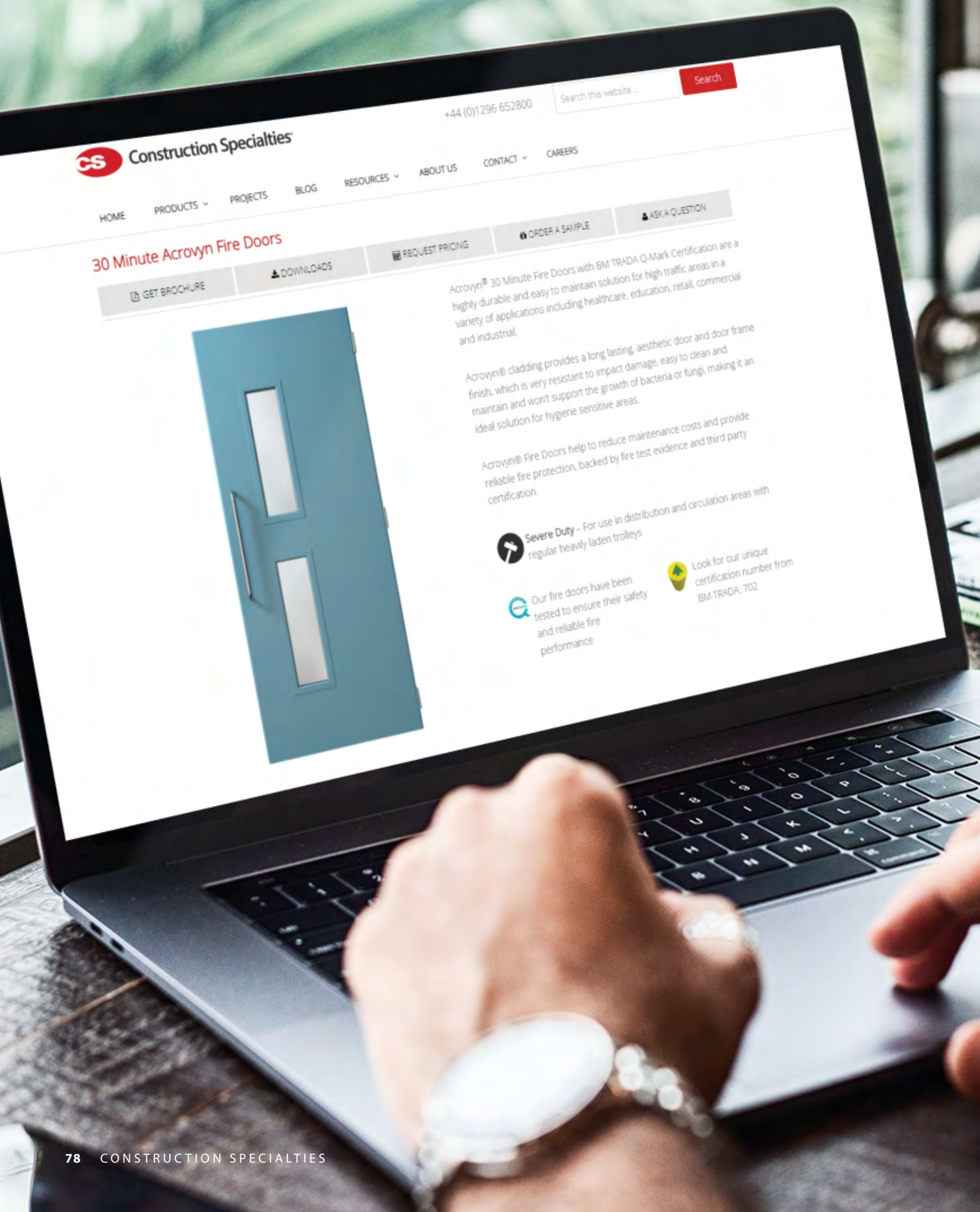
#### SEALS AND HARDWARE



Our doors are fitted with intumescent and smoke seals as standard, to meet performance demands and adhere to fire test assessments for our products.

Doors are also supplied complete with durable and maintenance-free stainless steel hinges.





## 30 Minute Acrovyn Fire Doors

GET BROCHURE

DOWNLOADS

REQUEST PRICING

ORDER A SAMPLE

ASK A QUESTION



Acrovyn® 30 Minute Fire Doors with BM TRADA Q-Mark Certification are a highly durable and easy to maintain solution for high traffic areas in a variety of applications including healthcare, education, retail, commercial and industrial.

Acrovyn® cladding provides a long lasting, aesthetic door and door frame finish, which is very resistant to impact damage, easy to clean and maintain and won't support the growth of bacteria or fungi, making it an ideal solution for hygiene sensitive areas.

Acrovyn® Fire Doors help to reduce maintenance costs and provide reliable fire protection, backed by fire test evidence and third party certification.



**Severe Duty** – For use in distribution and circulation areas with regular heavily laden trolleys



Our fire doors have been tested to ensure their safety and reliable fire performance



Look for our unique certification number from BM TRADA: 702



## Need more *information?*

Browse our website for detailed information on door configuration options, guidance on specifying doors and case studies.

Learn more about  
Acrovyn® Doors.

[www.c-sgroup.co.uk/2635](http://www.c-sgroup.co.uk/2635)



View a complete set  
of Product Sheets.

[www.c-sgroup.co.uk/ps-iwp-uk](http://www.c-sgroup.co.uk/ps-iwp-uk)





People.  
Buildings.  
*Better.*

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