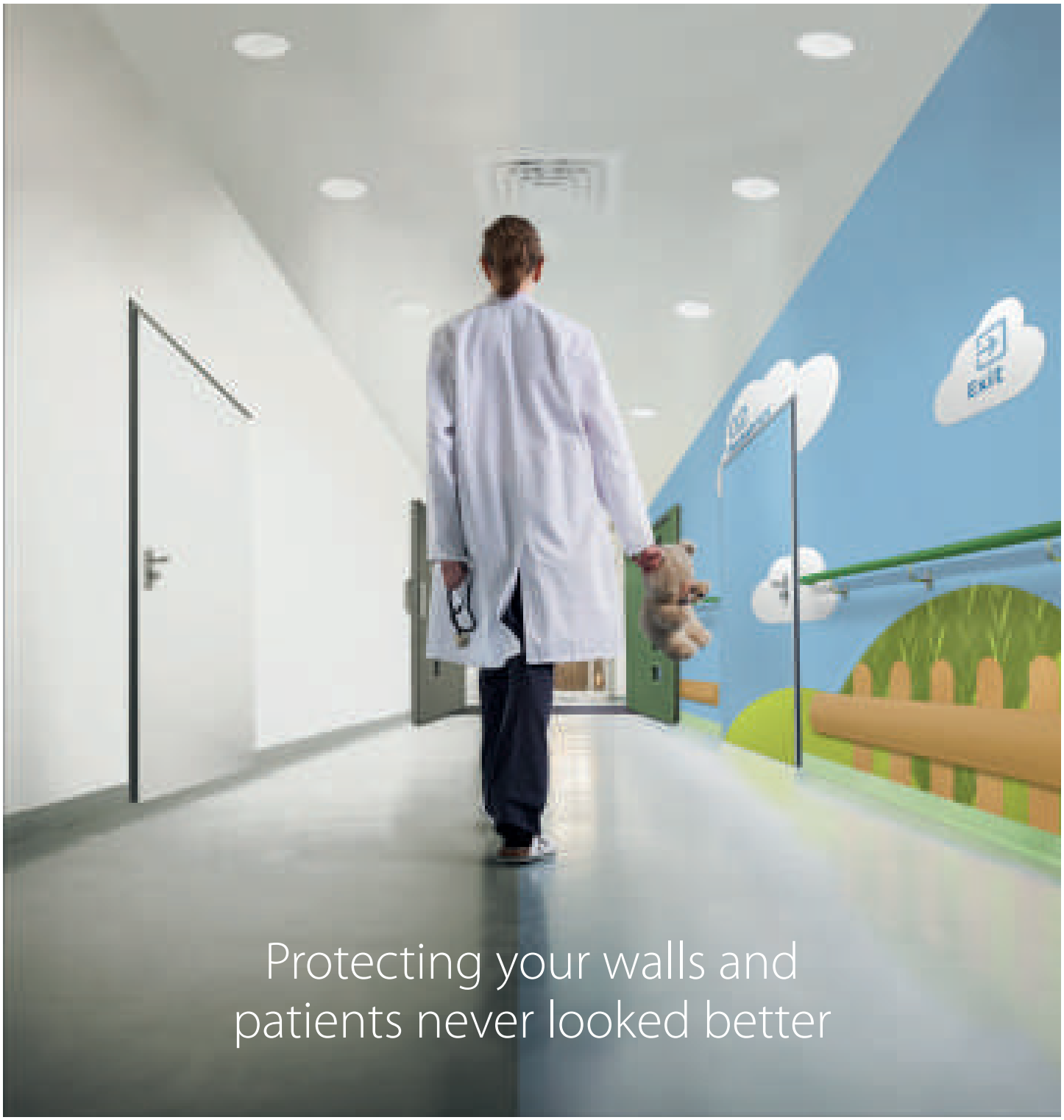
Acrovyn®

WALL, CORNER AND DOOR PROTECTION

WALL PROTECTION SHEETS | CRASH RAILS | HANDRAILS | DOOR PROTECTION | CORNER GUARDS



CS France

www.cs-france.fr/en

Acrovyn® | WALL AND DOOR PROTECTION

catalogue Index

Wall protection sheets

> CS Acrovyn® Sheets

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MADE IN FRANCE

With CS Acrovyn® you always **win**

Gambling with wall protection can be a risky and costly business.

Only Acrovyn® wall protection is a safe bet for health and sanitary environments as it comes packed with unique features only a market leader can offer.

Acrovyn® is the strongest wall protection money can buy and also the only one that actively kills bacteria or is manufactured without PVC.

But there is much more. When it comes to wall protection, with Acrovyn® you place your bets on the winning horse. Discover on the following pages why.

CS™ Acrovyn®

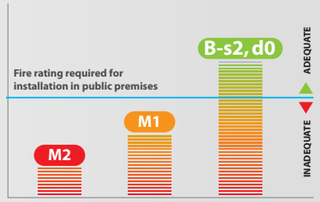
WALL, CORNER AND DOOR PROTECTION

Greener and stronger

Acrovyn® 4000 is the first and only wall protection sheet manufactured without PVC, PBTs nor halogens. You won't find a stronger nor more environmentally friendly wall protection material on the market.

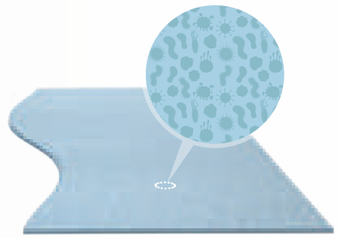
B-s2,d-0 certified

Fire regulations consider M1 insufficient for many hospital areas and require a B-s2, d0 certification instead. Acrovyn® is non-flammable and fully B-s2, d0 certified.



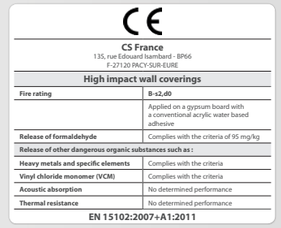
Truly Bactericide

Acrovyn® Bactericide is the only wall protection to completely eliminate common hospital bacteria such as *E. Coli, S. Aureus and M. Smegmatis*. A true breakthrough in the fight against nosocomial infections.



CE labelled

For complete building product transparency and traceability, all Acrovyn® products are CE labelled, disclosing their properties and what they are made of. All our test certifications are available on request.



CE

CS France
135, rue Edouard Isambard - BP66
F-27120 PACY-SUR-EURE

High impact wall coverings

Fire rating	B-s2,d0
	Applied on a gypsum board with a conventional acrylic water based adhesive
Release of formaldehyde	Complies with the criteria of 95 mg/kg
Release of other dangerous organic substances such as :	
Heavy metals and specific elements	Complies with the criteria
Vinyl chloride monomer (VCM)	Complies with the criteria
Acoustic absorption	No determined performance
Thermal resistance	No determined performance

EN 15102:2007+A1:2011

51 colours and textures

No matter what ambience you are looking to create, with a selection of 51 colours and textures finding the right colour combination is now just a question of choice: your choice.

CS Acrovyn by Design®

Acrovyn by Design® is a game-changing novelty embedding high quality digital print in tough as nails Acrovyn® sheet. It combines unprecedented visual possibilities with heavy duty protection for both walls and image.

Acrovyn® **4000**

Environmentally friendly and stronger than ever before

Unbeatable protection for your walls, gentle for the environment

WORLD NOVELTY

The best wall protection on the market just got better still. Impact tests had already proven that classic Acrovyn® was the strongest wall protection material on the market. Now, Acrovyn® 4000 reduces its weight by 25% while maintaining the same unbeatable strength.

But resistance is only part of the story. Once again, CS takes the lead with Acrovyn® 4000 as the first wall protection sheet in the world being manufactured without PVC, PBTs, PBAs or halogens.

40 Acrovyn® Colours

100% Bacteriostatic

B-s2,d0 fire rated

PVC-free

Heavy duty

3.000 x 1.300 x 1,5 mm

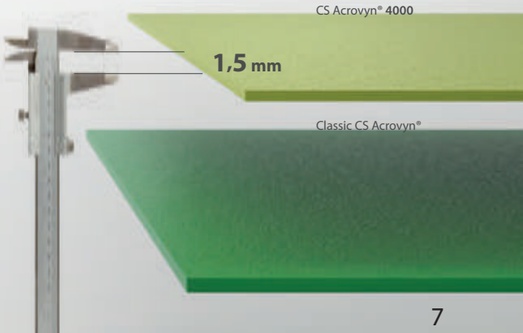
25% lower carbon footprint

> As Acrovyn® 4000 is lighter and thinner, it requires less energy for manufacturing and transport and lowers its carbon footprint by an impressive 25%.

Thinner, stronger and with a new texture

> Even though Acrovyn® 4000 is 0,5 mm thinner than classic Acrovyn® it doesn't compromise on strength, becoming the lightest but most resistant wall protection on the market.

And its looks great, too. Acrovyn® 4000 comes with the brand new *Suede* texture: finely grained with a non-glossy and very contemporary appearance.



51 **colours** and finishes for infinite combinations

CS Acrovyn® expands its collection with 26 new colours and new finishes to offer the market's most extensive colour range in wall protection.

Legendary Acrovyn® now provides designers and architects with an almost unbelievable array of colour combinations which can blend with or accent even the hottest design concepts.

With 51 colours and finishes to choose from finding just the right colour scheme is now a question of ***your choice***.

40 standard Acrovyn® Colours
available with our standard or new suede texture.

8 Acrovyn® Faux Wood finishes
including Wengue and four brand-new and contemporary oak styles.

3 Acrovyn® Faux Metal finishes
with the captivating looks of real metal but all the properties of Acrovyn®.

Combine freely: all products are available in all colours

> Need your handrail in the same colour as the crash rail and door protection?

Not a problem with Acrovyn®. No need to consult complicated product-colour tables. **All our products are available in all standard colours**. Only with Acrovyn® it is this simple.

New *Suede* texture

> We proudly present Suede: new, stylish, contemporary, with a **non-glossy appearance and reduced surface texture**. All our wall protection sheets are available in either our standard or the new Suede texture (Acrovyn® 4000).

Perfect colour match, guaranteed

> We went to great lengths to ensure you find the perfect colour match. We consulted hundreds of designers and harmonised our new range with products from leading floor, door and wall decoration manufacturers.

What is your favourite **combination**?

Colour schemes influence the mood and behaviour of building inhabitants and are the reason why designers put such great emphasis on colour.

No matter what ambience you are looking for, finding the right colour combination with Acrovyn® is now just a question of choice: your choice.

Warm, soothing colours inspired by nature

> For warm, comfortable and pleasant living room ambiences **CS** recommends its new colour range inspired by nature.

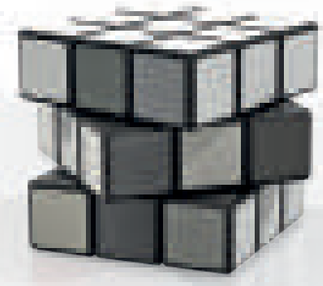
Soft, low contrast colours create peaceful environments where well-being and aesthetics are primary considerations.

Dynamic, mood-lifting colour combinations

> Dynamic and saturated colours create friendly, mood-lifting atmospheres.

They are also ideal for setting visual differences between floor levels and for colour guidance schemes in large buildings.

Stylish, cool and elegant



> Wall protection can be extremely stylish. Combos of light and dark colours and our exciting metallic finishes can blend with or accent even the most urbane and fashionable environments.

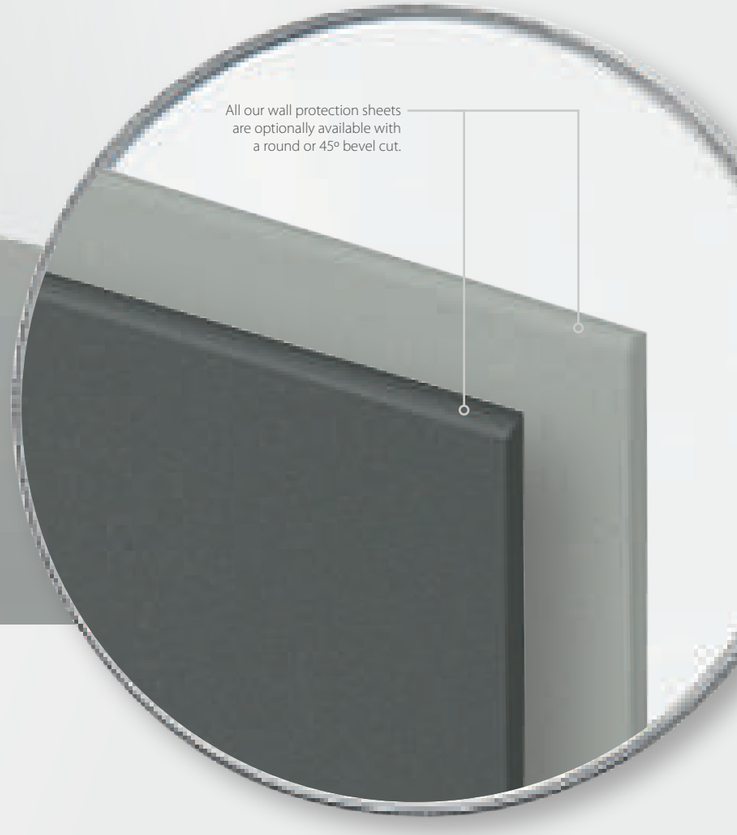
Legendary protection with more choice than ever

Acrovyn® is now available with an even greater choice: 51 stunning colours and finishes, our brand new suede texture and Acrovyn® 4000: unbeatable Acrovyn® protection without PVC, PBTs or halogens to satisfy even the most health conscious requirements.

2 AND 1,5 MM THICKNESS
40 standard Acrovyn® colours

2 MM THICKNESS
8 Faux Wood finishes

2 MM THICKNESS
3 Faux Metal finishes



All our wall protection sheets are optionally available with a round or 45° bevel cut.

1 | Acrovyn® door handle protection plate
2 | Acrovyn® kick plate
3 | Half height, 2mm Acrovyn® wall protection
4 | Acrovyn® SM20M corner guard
5 | Acrovyn® 0,8 mm flexible sheet

suggested application

51 colours for infinite combinations

> No matter what atmosphere you are looking for, with a selection of 51 colours and textures finding the right colour combination is now just a question of choice: **your choice**.

New suede texture

> New, stylish, contemporary, with a non-glossy appearance and reduced surface texture.

B-s2, d0 fire rating

> Acrovyn® is B-s2, d0 certified and can be used in many public buildings areas where the M1 fire rating of other wall cladding materials is insufficient.

Green goes even greener: presenting Acrovyn® 4000

> Acrovyn® 4000 is manufactured in compliance with RoHS standards, without PVC, PBTs, PBAs or halogens and a 25% lower carbon footprint. You won't find any other wall protection material on the market as environmentally friendly.

Resists almost everything except easy cleaning

Acrovyn® smooth wall protection sheets have been developed for areas with stringent hygienic requirements which are subject to frequent cleaning procedures.

Engineered to resist the intense wear and tear of busy sites as well as hot steam cleaning, detergents and chemicals, its smooth, non-porous and bacteriostatic surface is so easy to clean that the renowned Louis Pasteur Institute certified its superb ease of cleaning.

Chemical resistance

> Acrovyn® sheets resist commonly used acids, mineral and vegetable oils, detergents, saline solutions, alcohols, gasoline, aliphatic hydrocarbons and concentrated fatty acids.

Complete chemical resistance test reports are available upon request.

1 | Full height, smooth Acrovyn® wall cladding
2 | Smooth Acrovyn® door protection
3 | Welded joints for maximum hygiene
4 | Half height, smooth Acrovyn® sheet

suggested application

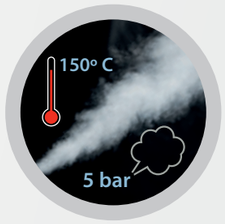
Available in 5 colours

Certified cleaning effectiveness

> Smooth Acrovyn® sheets were certified by the renowned Louis Pasteur Institute for their bacteriostatic properties and ease of cleaning. Independently of the chosen cleaning products you will have the guarantee of a hygienic environment without bacterial growth vectors.

Certified suitability for hot steam cleaning

> Acrovyn® wall protection sheets have also been certified by SaniVap to be suitable for hot steam cleaning procedures with 150° C hot steam at 5 bar pressure which ensures maximum hygiene.



Ease of maintenance

> Thanks to its dyed through colours Acrovyn® never wears off no matter how often you clean it. Its smooth, non porous surface allows for easy cleaning with all of the most commonly available detergents.

30 | Paprika

801 | Cloud Grey

0,8 mm CS Acrovyn® sheet is flexible but incredibly strong

1 | 0,8 mm Acrovyn® sheet

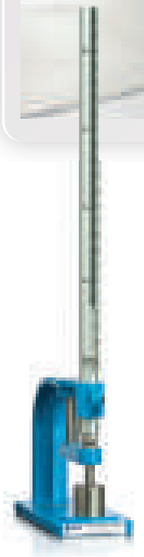
suggested application

There are many good reasons for protecting walls and columns

There are also many good reasons why you should only be considering Acrovyn®.

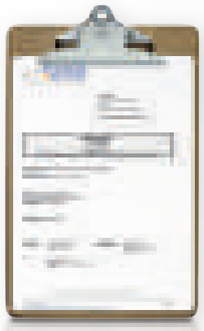
For one, because its 40 stunning colours simply look great. Secondly, because it is only 0,8 mm thick and neatly hugs columns and other curved or straight surfaces.

But most importantly, because it is incredibly strong. Impact resistance tests have shown that 0,8 mm Acrovyn® is in fact as resistant as other, much thicker wall protection products.



As strong as much thicker competitors

> **Test results prove it.** Acrovyn® 0,8 mm wall protection sheets were tested for impact resistance using the Gardner Impact Testing method which works by dropping a heavy object from various heights directly onto the tested material. Acrovyn® 0,8 mm sheets proved to be incredibly strong, equalling in strength its much thicker competitors.



Meet our new collection

> **40 beautiful standard colours.** Meet our new collection which includes no less than 21 new references, expanding our solid colour range to 40 contemporary colours.

Perfect colour match, guaranteed

> We harmonised our range of colours with the latest product releases from leading floor, door and wall decoration manufacturers to ensure **you always will find the perfect match**.

Wood textures for warm and comfortable environments

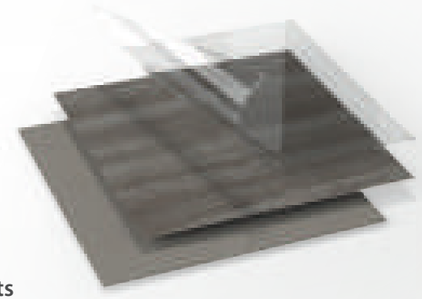
Inspired by nature itself, CS has created an exclusive range of contemporary wood textures for relaxing and peaceful environments where well-being and aesthetics are primary considerations, but hygiene and reliable wall protection also play an important role.

8 **8 Faux Wood finishes**

3 **3 Faux Metal finishes**

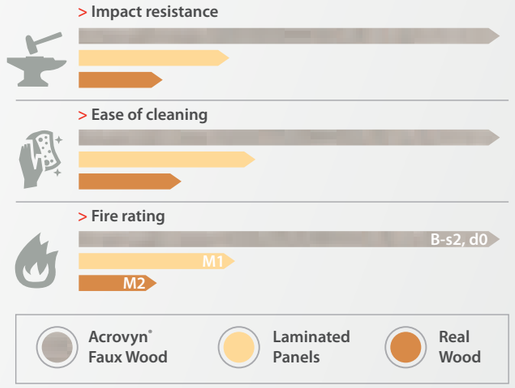
1 | Acrovyn® Faux Wood wall protection sheets
2 | Acrovyn by Design® wall cladding
3 | MCE 40/45 handrail
4 | Acrovyn® solid colour wall protection sheet

suggested application



Fusion bonding for lasting results

> Our exclusive fusion bonding process ensures Acrovyn® Faux Wood patterns won't wear, scratch or peel off as they become completely integral with the Acrovyn® backing material.



20x

20x more resistant than wood veneer

> Acrovyn® Faux Wood looks like real wood but is as a matter of fact **20 times more abrasion resistant than wood veneer** and much easier to clean and maintain. *See Taber Test on page 37.*

304 L food approved stainless steel sheets

7039 | Iron

9003 | Snow White

1 | Stainless steel wall protection sheet
2 | Stainless steel custom cut protection sheet for doors
3 | Stainless steel corner guard 50A

suggested application

Superb quality for even the most demanding applications

After decades, stainless steel continues to be the wall protection solution of choice for its cool elegance, heavy duty resistance and superb hygienic properties.

Our 1 mm thick stainless steel sheets are manufactured from 304 L food industry approved stainless steel to comply with even the most demanding building norms and health regulations.

Precision cutting for infinite design possibilities

> **Our Stainless steel sheets can be cut to your custom specifications.** No matter if you want it straight, with a stylish wave or semicircular shape, we can deliver a perfect cut thanks to the precision of our high pressure water jet cutting technique.

> For more stainless steel wall protection please consult:

> Corner Guards 72

> Crash rails 52

Factory applied adhesive

> **For effortless installations.** We can deliver all our Inox sheets with factory applied adhesive strips for clean and effortless installations.

> Mounting instructions 24

Beautiful **Acrovyn® Faux Wood panels** reliably protect walls and doors while harmonizing with the wood based interior design of this hospital ward.

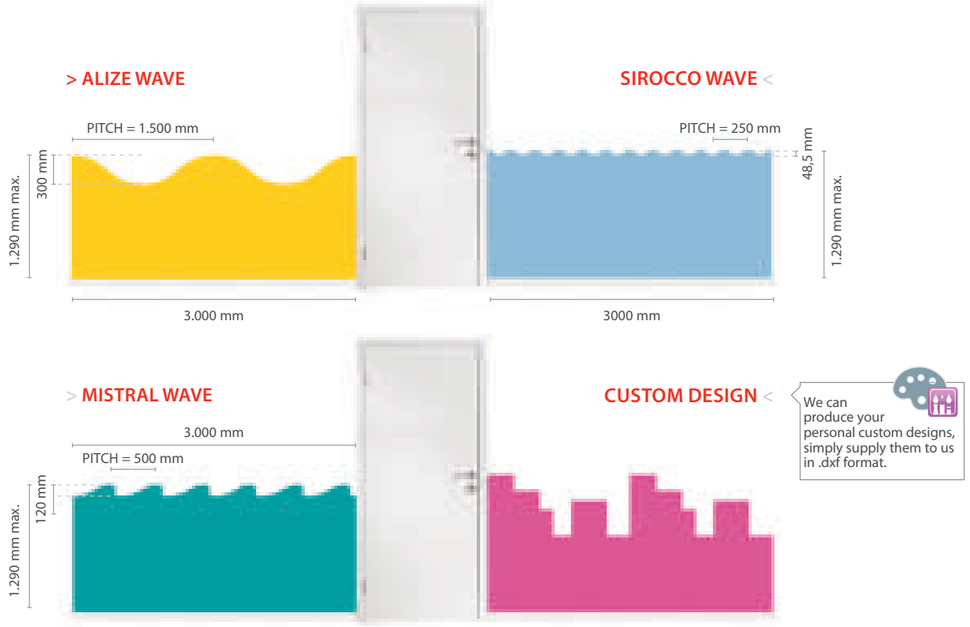
An elegant and very effective wall protection has been achieved by combining 2 mm **Acrovyn® sheet** with **Inox wall protection**.

Acrovyn® sheets are incredibly strong and still flexible enough to adjust to curved walls.

An assembly of factory-cut **colour Acrovyn® sheets** have been used for this cheerful wall protection.

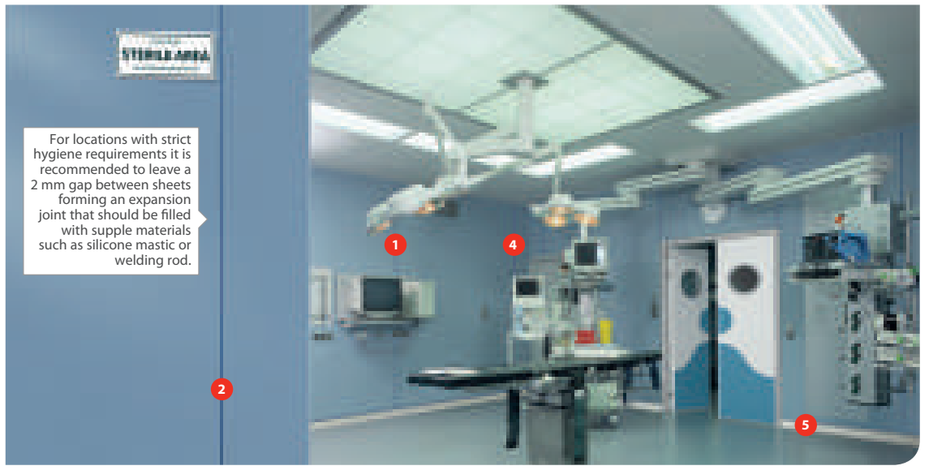
With 40 colours to choose from **Acrovyn® sheets** can blend discreetly into any interior design while efficiently protecting walls.

Standard **decorative wall protection shapes**

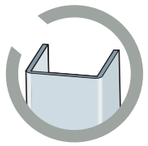


Thermoforming for wall applications

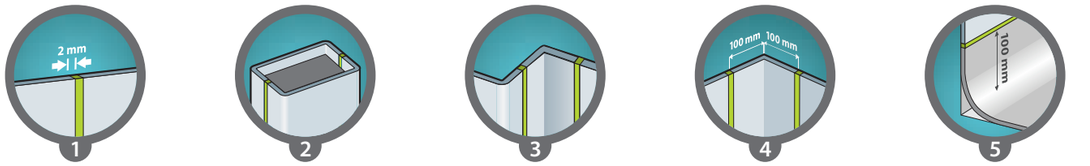
Put bacteria at bay! Joints in corners, columns and edges constitute breeding grounds for bacteria. Thermoformed Acrovyn® sheets eliminate these hazards by providing a continuous, one piece surface for these difficult to clean areas.



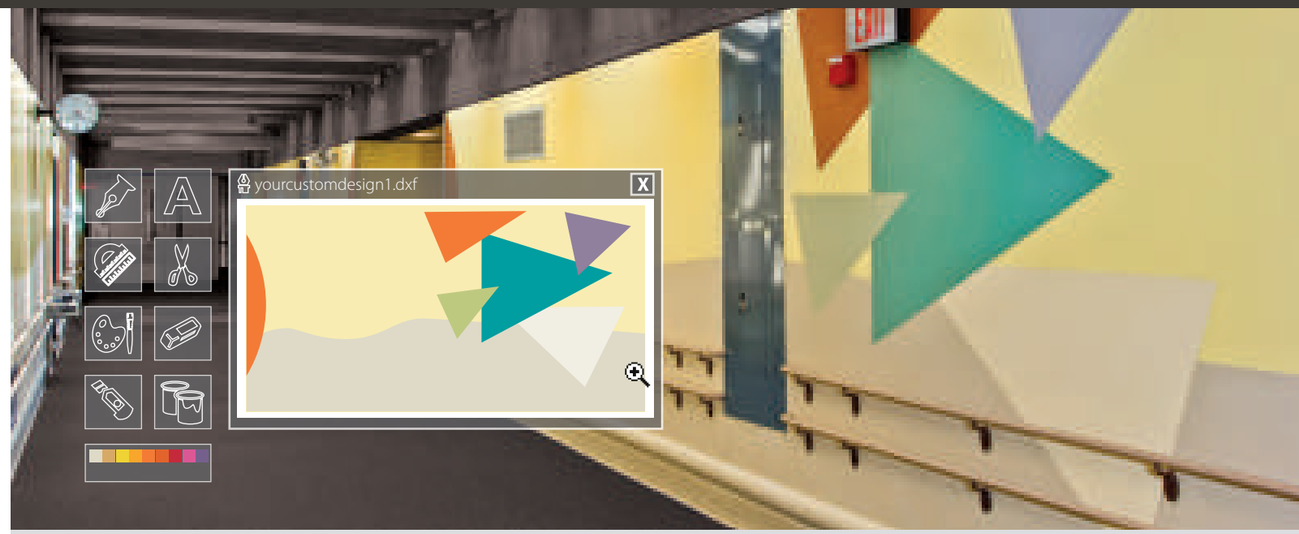
Thermoforming L Type
1 Fold from 45° to 179°



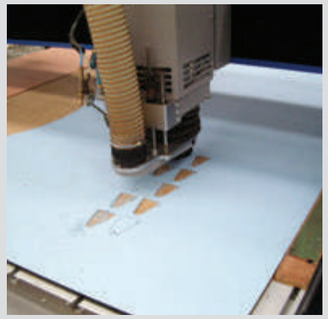
Thermoforming U Type
2 Folds



1. Welded joints between sheets
2. Pillar protection
3. Joints between external and internal angles
4. Thermoformed internal corners
5. Heat-sealed joint with flexible flooring



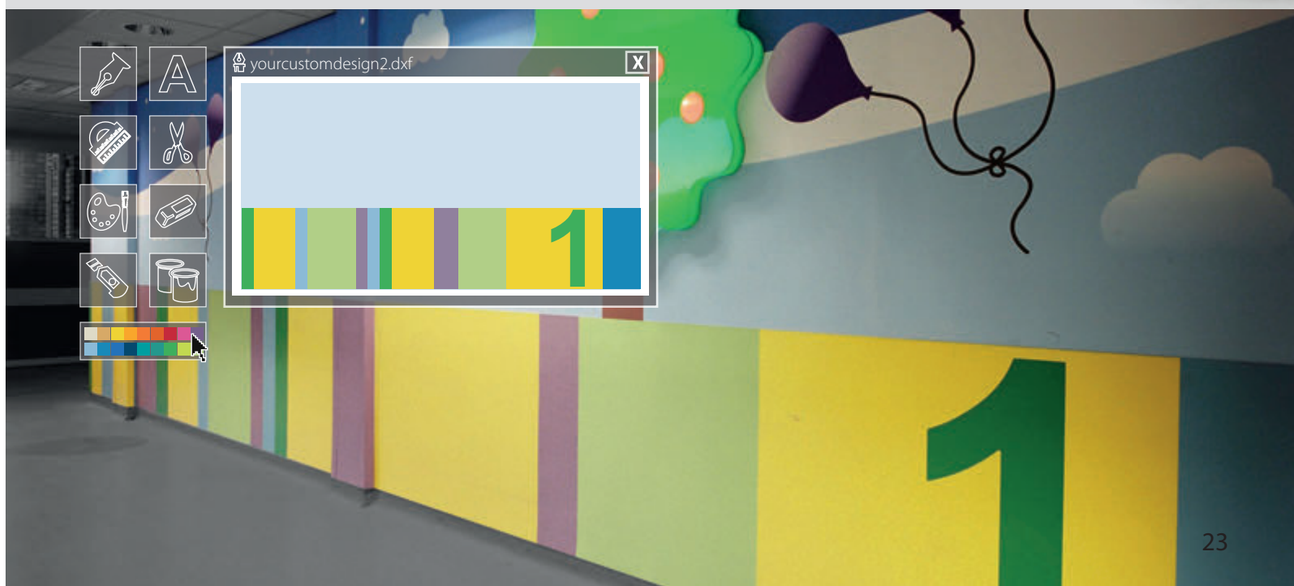
Custom designs, collage, shapes and signposting:



Create your own designs!

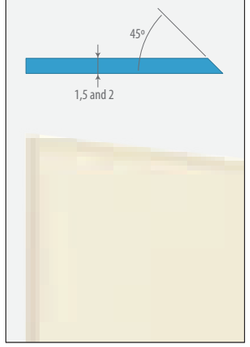
Thanks to our advanced computer cutting technology we can manufacture any design. You can choose a standard pattern from our catalogue or **create your own design and simply supply it to us in .dxf format.**

For help with creating your custom designs please contact our Customer Service Team.

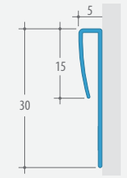


Finishing accessories for wall protection sheets

45° Edge Bevelling



Upper finishing trim CS Acrovyn®



3.000x30x5 mm

Acrovyn® Colours · 100% Bacteriostatic · Medium duty · M1 Fire rated

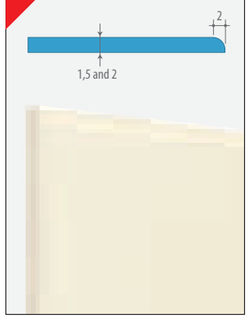
Vertical trim

3.000x46x5,6 mm

Acrovyn® Colours · 100% Bacteriostatic · Medium duty · M1 Fire rated

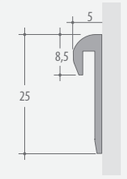
NEW

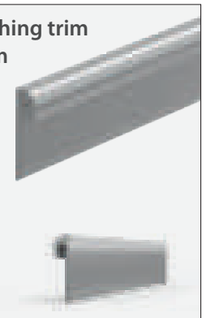
Round Edge Bevelling



NEW

Upper finishing trim in Aluminium

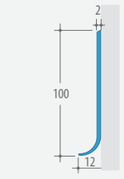




3.000x25x5 mm

Aluminium · Heavy Duty

CS Acrovyn® plinth CB100 with flexible lip



4.000x100x12 mm

Acrovyn® Colours · 100% Bacteriostatic · Medium duty · M1 Fire rated

Factory **applied adhesive**

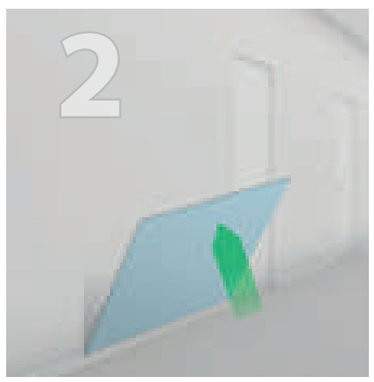
Perfect results in minutes. Ready-to-install wall protection sheets of your choice, delivered right to your door: factory cut to the required size and pre-fitted with adhesive strips for immediate and effortless installations.

Tidy and clean applications, no cleaning up needed.

Effortless installations, no specialist personnel needed.

Fast installations, perfect results in minutes.

Remove the protection from the factory applied adhesive strips ▶▶



Put the wall protection sheet in position and press against the wall ▶▶

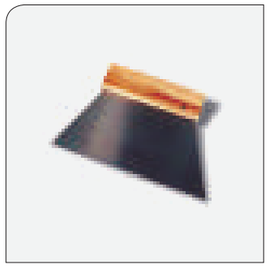
Done! A perfect result in less than 5 minutes. ■

UNIDUR N Primer

Coverage : 0,1 kg/m2

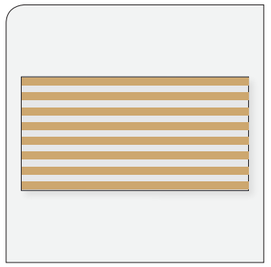
Glue SADER TAC V6 Confort

Easy and odourless gluing
Coverage : 0,25 kg/m2



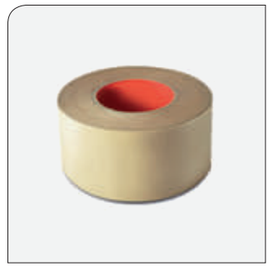
Spreader n°1- A2

one spatula per 150 m²



Factory applied adhesive

for 2 mm Acrovyn®, 1,5 mm Acrovyn® 4000 and 1 mm Inox



Dry contact adhesive 85

Rolls, 50 m length

OTTOCOLL TopFix

300 ml cartridge, ideal for absorbent surfaces
1 cartridge/m²

NEW

Drum cartridge gun

Complete kit with 2 drums

Glue MSP 108

300 ml cartridge, ideal for wet environments and non-absorbent surfaces. 1 cartridge/m²

NEW

Durospray DS 525 SRM

17,25 kg (22l), applied with spray gun. Average consumption 150 g/m², suitable for humid environments

NEW

Spray gun Durospray

Spray gun kit with 4 m hose

Crane roller

with two articulated grips

Paint remover AGS 560

500 ml Spray

Welding equipment

Complete kit

NEW

Welding rod

- For sheet thickness of 2 mm
- Roll 100 m length
- 40 Acrovyn® colours available

Craft knife

for Acrovyn® sheets

NEW

Coloured silicone

- 300 ml Cartridge
- 40 colours available

1 cartridge/20 lm

11 | Aqua Blue

9003 | Snow white

The only bactericidal wall protection system on the market

1 | Half height, textured Acrovyn® Bactericide wall protection sheet
2 | Full height, Acrovyn® Bactericide wall cladding
3 | Acrovyn® Bactericide push plate
4 | Acrovyn® Bactericide door kick plate

suggested application

Don't give bacteria a chance!

Nosocomial infections are a serious concern of any health sector establishment. To help combat this threat CS France has developed Acrovyn® Bactericide, a novel material that pro-actively kills bacteria through surface contact alone.

ISO 22196

Acrovyn® Bactericide is the only wall cladding material and handrail on the market certified with the ISO norm 22196 and the ideal solution for areas where hygiene cannot be compromised.

Killing bacteria by "touch“

> All bacteria settled on the surface of Acrovyn® Bactericide are killed within a maximum time span of 24 hours. This bactericide effect is completely safe to humans but relentless on bacteria, guaranteeing unsurpassed hygienic conditions.

“An authentic breakthrough in the fight against microbial infections.”

Wall cladding material	Bacterial activity
Stone - granite - marble	inactive
Ceramic tiles	inactive
Vinyl covering	inactive
Stainless steel	very little active
Fibre glass	inactive
Laminated panels	very little active
Wood	inactive
Competitors	bacteriostatic
Acrovyn®Bactericide	**bactericide**

Impact of nosocomial infections

[...]Nosocomial infections are also one of the leading causes of death (5). The economic costs are considerable (6,7). The increased length of stay for infected patients is the greatest contributor to cost (8,9,10)[...]

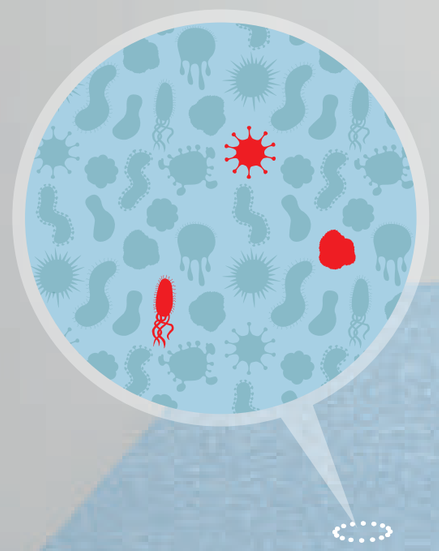
SOURCE: WORLD HEALTH ORGANISATION

They may look similar...

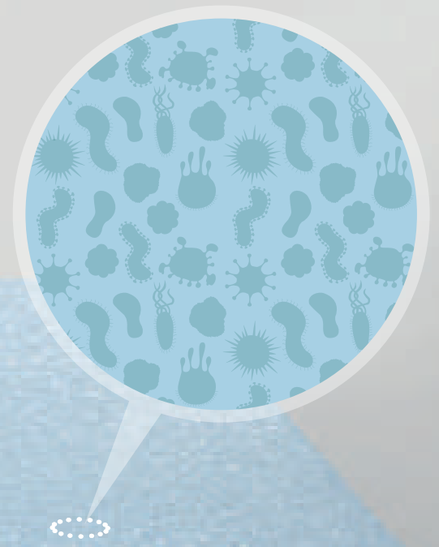
ALIVE

bacteria remain alive

On non-bactericide surfaces bacteria might not find ideal living conditions but do not get actively killed. Surviving bacteria continue to constitute a serious infection risk.



Ordinary wall protection sheet



100%

of bacteria killed

Acrovyn® Bactericide kills all bacteria through surface contact leaving no survivors. Its surface is 100% bacteria free.

CS Acrovyn® Bactericide

...but they are **NOT** the same.

Don't get confused by terminology...

.....100% hygienic...

Being hygienic doesn't imply any proven action on bacteria, nor is the term measurable or quantifiable by any scientific parameters.

NOT BACTERICIDE

.....antibacterial...

The term is commonly defined by "destroying or inhibiting the growth of bacteria" but there is no scientific criteria to measure this quality.

NOT BACTERICIDE

.....bacteriostatic...

Biocide norm EN 1040 describes this term only as a reduction of the bacterial population implying clearly that there are survivors.

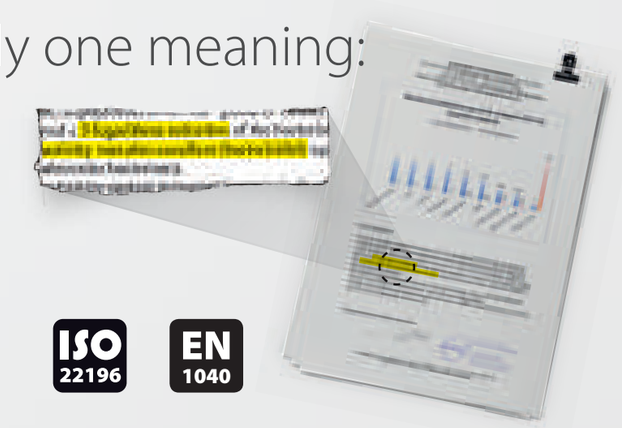
NOT BACTERICIDE

...**bactericide** has only one meaning:

.....bactericide...

A plastic surface can only be called bactericide if 100% of all bacteria are eliminated, i.e. there are no living survivors. This is determined by the ISO 22196 test procedure and quantified by the Biocide product norm EN 1040.

Acrovyn®Bactericide is the only truly bactericide wall protection on the market.

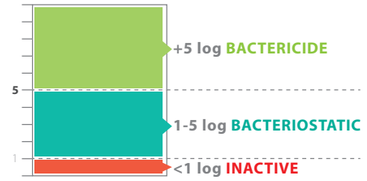


ISO 22196

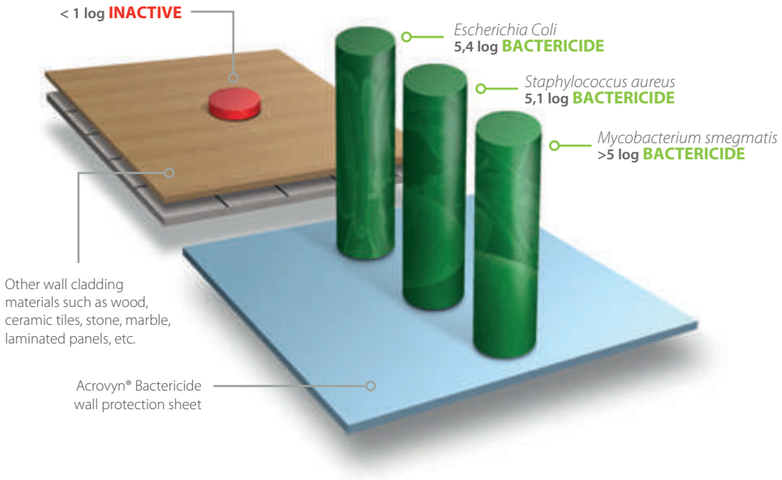
EN 1040

The only wall protection on the market that has been tested AND **certified with bactericidal properties**

Bacterial inhibition compared to inactive materials



* The bactericidal activity is called bactericide when the inhibition is at least 10^2 (> 99.999%) with respect to an inactive control.



24H

All bacteria settled on Acrovyn® Bactericide's surface are killed within a 24 hour time span.

Nosoco

Nosoco.Tech, a renowned research institution of antimicrobial surface properties, tested and certified Acrovyn® Bactericide.

Tested on 7 of the most common hospital and food bacteria

Escherichia Coli

100% of bacteria killed

Activity in log: 5,4 log
Inhibition: 100%
Survival: 0%
Classification: **Bactericidal**

Staphylococcus aureus

100% of bacteria killed

Activity in log: 5,1 log
Inhibition: 100%
Survival: 0%
Classification: **Bactericidal**

Mycobacterium smegmatis

100% of bacteria killed

Activity in log: >5 log
Inhibition: 100%
Survival: 0%
Classification: **Bactericidal**

SARM

99,99% of bacteria killed
0,01% survival

Activity in log: 3,92 log
Inhibition: 99,99%
Survival: 0,01%
Classification: **Bacteriostatic**

Salmonella Enteridis

99,99% of bacteria killed
0,01% survival

Activity in log: 4,1 log
Inhibition: 99,99%
Survival: 0,01%
Classification: **Bacteriostatic**

Listeria monocytogenes

99,5% of bacteria killed
0,5% survival

Activity in log: 2,661 log
Inhibition: 99,5%
Survival: 0,5%
Classification: **Bacteriostatic**

Enterococcus sp.

99,5% of bacteria killed
0,5% survival

Activity in log: 2,28 log
Inhibition: 99,5%
Survival: 0,5%
Classification: **Bacteriostatic**

Interpretation of ISO 22196 test results

The norm ISO 22196 describes a standard method for measuring the bactericidal properties of plastic surfaces but does not offer any interpretation of the results.

Biocide product norms such as EN 1040 can be used to interpret the bactericidal activity determined by ISO 22196:

bactericide: 5 or higher
bacteriostatic: between 5 and 1
inactive: lower than 1

← | Full height **Acrovyn® Bactericide wall cladding** in an operating theatre.

↓ | Half height **Acrovyn® Bactericide wall protection sheets** in a hospital ward.

Half height **Acrovyn®** | → **Bactericide wall protection sheets** on a curved hospital corridor.

Half height **Acrovyn®** | ↓ **Bactericide wall protection sheets** in a surgery room.

Tough as nails CS Acrovyn® meets digital print

Stunning graphics made to last

Colours and images are known to help improve patient healing. However, traditional graphics imagery will not withstand the wear and tear of busy facilities resulting in constant damage and replacement.

Acrovyn by Design® is a game-changing novelty affording unlimited visual possibilities, while protecting both graphics and wall reliably.

Acrovyn by Design® is manufactured by embedding high resolution digital print into tough as nails Acrovyn® creating stunning wall imagery that is made to last.

CS ACROVYN BY DESIGN®

1 | Acrovyn by Design® wall protection sheet
2 | Acrovyn® door kick and push plate
3 | Full height, Acrovyn by Design® wall cladding
4 | Acrovyn® hand/crash rail HRB35

suggested application

Superior wall protection with unlimited visual possibilities

> **Acrovyn by Design® can also be a great visual communicator.** Adding your company logo, branding graphics, directory or wayfinding signs into your wall protection will personalise your environment in a fresh and groundbreaking way.

WAYFINDING

BRANDING

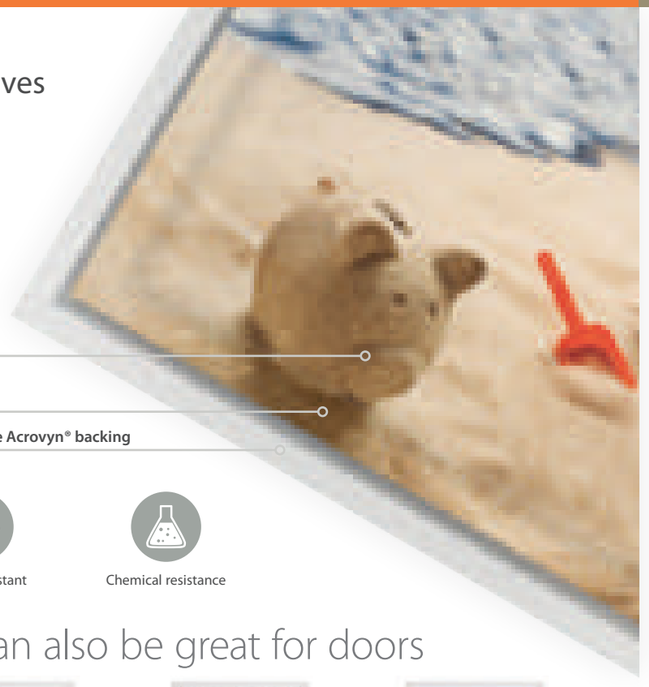
MESSAGING

Great looks, gentle to nature

> Acrovyn by Design® is manufactured without PVC, PBTs, PBAs or halogens.

CS Acrovyn by Design® looks great and saves you money, too

While ordinary wall imagery becomes easily damaged and requires frequent –and costly– replacements, Acrovyn by Design® will offer not only heavy duty protection to your walls but also preserve the image's brand new appearance for years to come.



Acrovyn by Design® Technology

Acrovyn by Design® uses a clear, impact resistant sheet as its protective layer and cutting edge digital printing technology to deliver brilliant images.

Scratch resistant | Easy to clean | Impact resistant | Chemical resistance

Designs that are great for walls can also be great for doors

CHILDREN'S IMAGERY

WOOD TEXTURE

NATURE

ABSTRACT BACKGROUNDS

TEXTURE

PHOTOGRAPHY

SIGNAGE

COLOURS

BRANDING

STONE

How to order CS Acrovyn by Design®

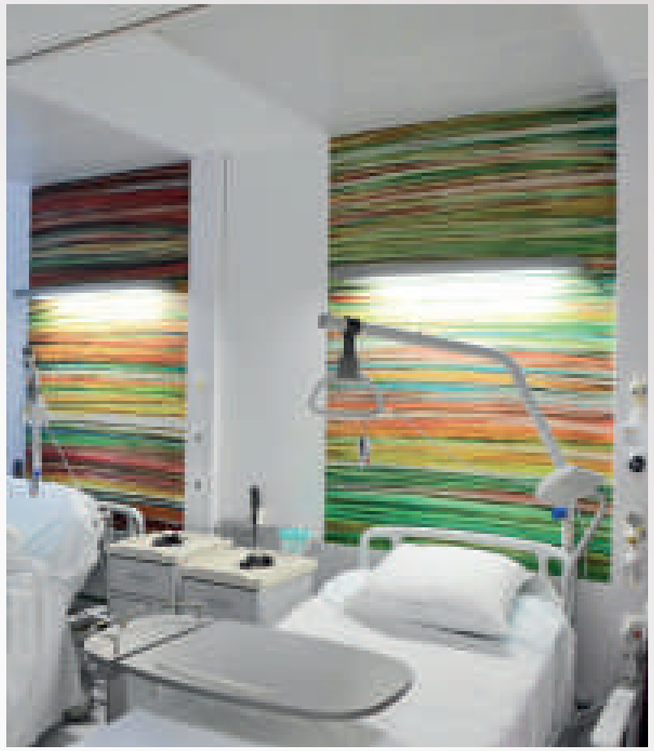
SPECIFYING ACROVYN BY DESIGN®
We will require the dimensions of the wall area and a basic design idea. We then can assist you with the implementation.

ARTWORK CREATION
If you don't have the artwork but still want to benefit from Acrovyn by Design® we can buy the artwork or create a specific design for you.

PANELLING
We panel the final artwork over one or several Acrovyn® sheets to ensure a perfect fit to your wall.

PRINTING
Our high-resolution, large format printing hardware and colour management software ensure a perfect result and true colour accuracy.

INSTALLATION
You will receive the panels ready to be installed with the adhesive solution of your choice.



Acrovyn by Design® bed locators protect the wall and add life and friendliness to this hospital room.

Full height **Acrovyn by Design® sheets** decorate and protect the wall of this children hospital ward.

Full height **Acrovyn by Design® sheets** protect the wall of this busy elevator area and add visual depth. with a soothing image of nature.

Acrovyn by Design® sheets protect the wall of this waiting area with refreshing style.

There are doors that better be CS Acrovyn® Doors

1 | Half moon push plate in 2 mm Acrovyn® sheet
2 | Half height door protection plate in 2 mm Acrovyn® sheet with custom cut
3 | TP 200 Rub rail

suggested application

CS Acrovyn® Doors look great where others fail

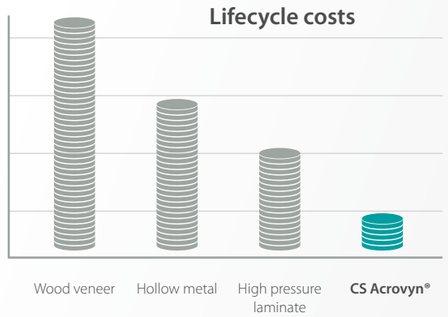
Wood veneer and high pressure laminate just can't handle the same abuse as durable Acrovyn®. Acrovyn® Doors have withstood abuse in tens of thousands of hospitals worldwide, saving money in maintenance and costly repairs.

But protection is only part of the story. Acrovyn® Doors are aesthetically pleasing, adding colour and style to your premises with infinite design possibilities.

DOOR PROTECTION

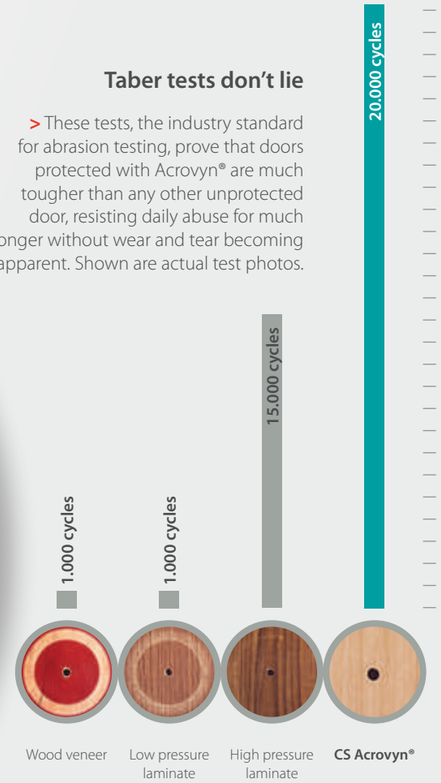
Unprotected doors can become expensive

> **Acrovyn® doors are much cheaper in the long run**. Acquisition is only part of the expenditure with maintenance and repair being a main contributor to total costs. Lifecycle studies compared the total costs of purchasing and maintaining different types of doors over a 10-year period, confirming the substantial saving benefits of Acrovyn® Doors.

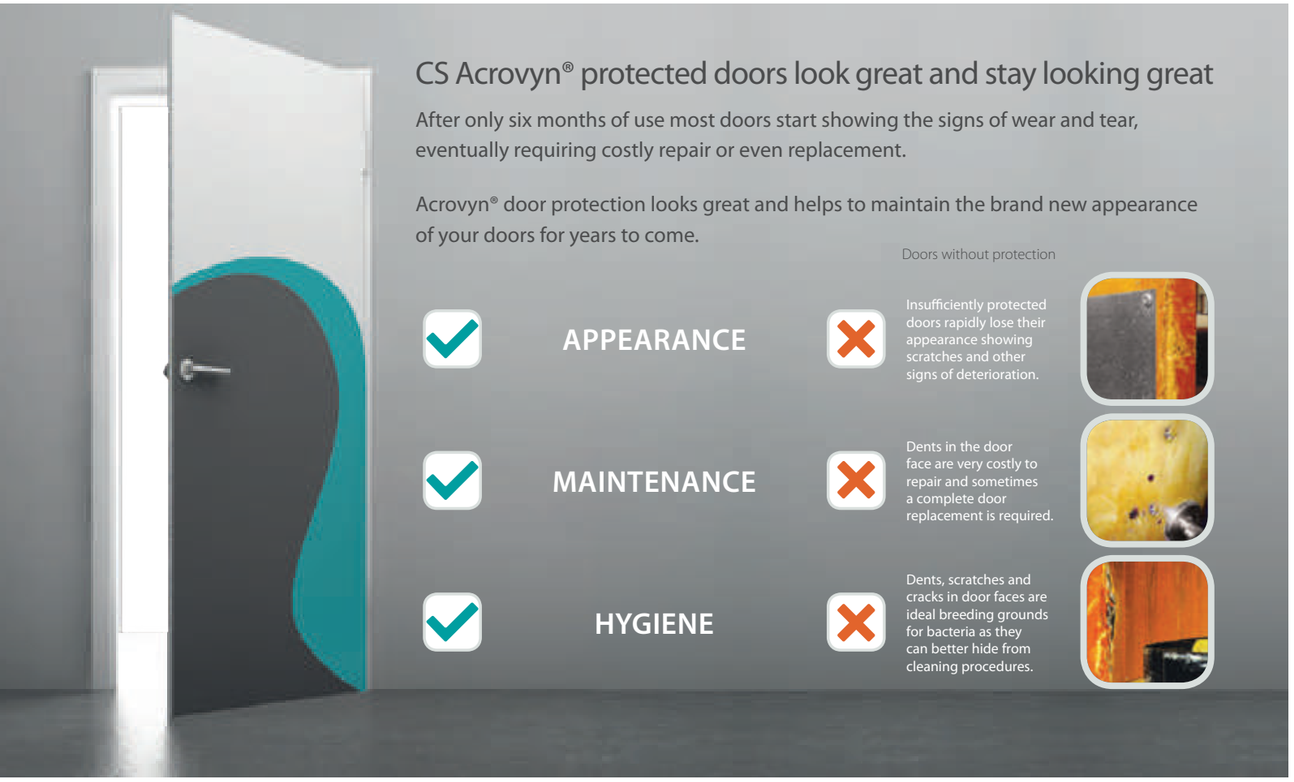


Taber tests don't lie

> These tests, the industry standard for abrasion testing, prove that doors protected with Acrovyn® are much tougher than any other unprotected door, resisting daily abuse for much longer without wear and tear becoming apparent. Shown are actual test photos.



CS ACROVYN® DOOR PROTECTION



CS Acrovyn® protected doors look great and stay looking great

After only six months of use most doors start showing the signs of wear and tear, eventually requiring costly repair or even replacement.

Acrovyn® door protection looks great and helps to maintain the brand new appearance of your doors for years to come.

	Doors without protection	
APPEARANCE	Insufficiently protected doors rapidly lose their appearance showing scratches and other signs of deterioration.	
MAINTENANCE	Dents in the door face are very costly to repair and sometimes a complete door replacement is required.	
HYGIENE	Dents, scratches and cracks in door faces are ideal breeding grounds for bacteria as they can better hide from cleaning procedures.	

> Kick & push plates

Kick and push plates are ideal to protect door faces of swing doors and the areas around the door handle and lock of ordinary room doors.

01. Rainbow with strip

05. Skyline

06. Shell

07. Cup

08. Squares

09. Cascade

10. Quarter

11. Half moon

12. Personal custom designs

Protect your doors with colour and style

> Partial decorative door cladding (1 colour)

Doors suffer most damage and abuse on their lower part and around door handle and lock. Partial door cladding efficiently protects these areas and decorates at the same time.

01. Numbers

02. Prairie

03 . Dune

04. Vague

05. Oasis

06. Quarter Flower

07. Cascade

08. Cloud

09. Men

10. Women

11. Canyon

12. Personal custom designs

> Partial decorative door cladding (2 colours)

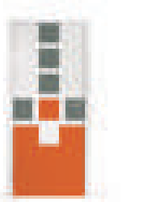
Duo-colour door cladding offers efficient protection and stylish decoration enhancing your interior designs.

01. Dolphin

05. Men

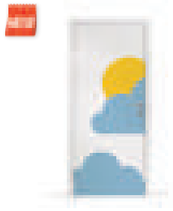
06. Women

07. Duo-colour squares



08. Square cross

09. Tree



10. Sun & Clouds

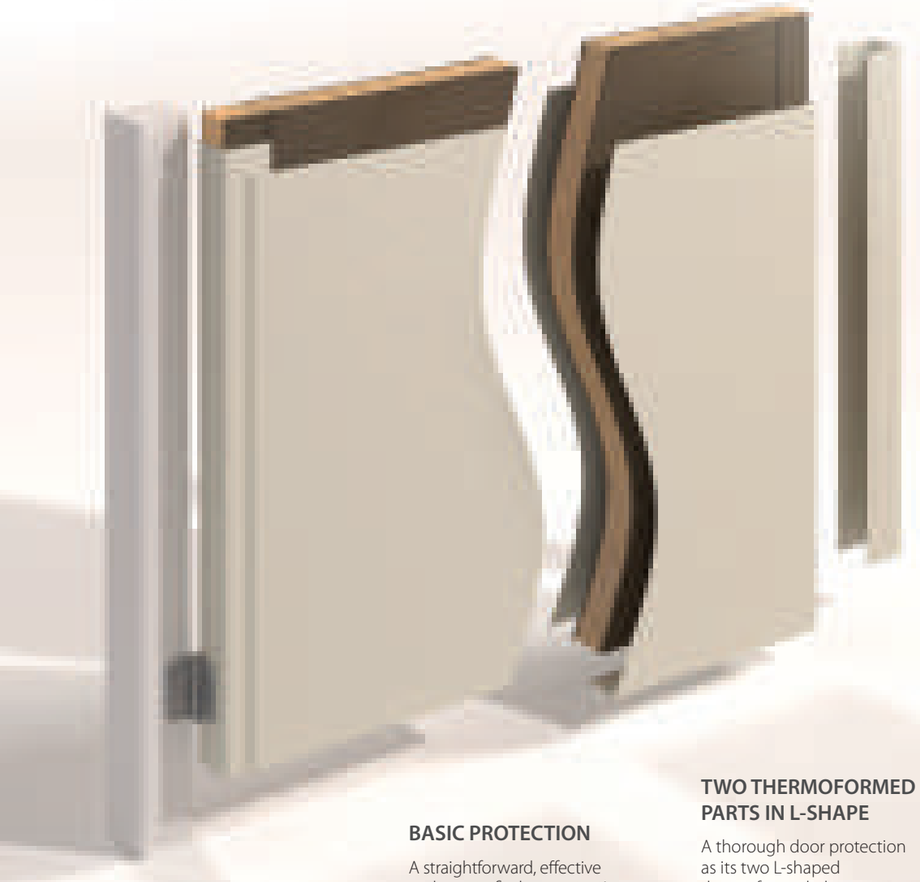
11. Stains

12. Personal custom designs

Designed for doors that need to resist

Wood veneer and high pressure laminate just can't handle the same abuse as durable Acrovyn® nor offer its superb impact resistance. For this reason Acrovyn® has been chosen by tens of thousands of hospitals and schools worldwide.

Scratch resistant | Easy to clean | Impact resistant | Chemical resistance

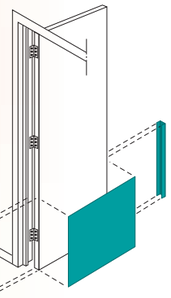


BASIC SHEET WITH U-PROFILES

Ideal for heavily abused doors.

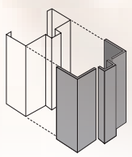
Door edges are protected by thermoformed U-profiles while sheets with bevelled edges cover both door faces.

Door edges will have to be reduced by the thickness of the Acrovyn® sheet (2 mm)



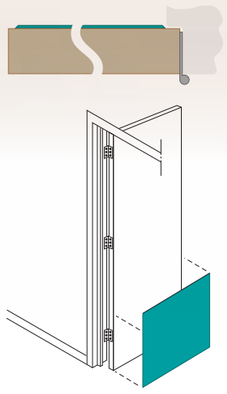
PROTECTION OF FRAMES

Acrovyn® sheets are cut to the exact dimensions of wooden or metal door frames and are then thermoformed in one piece to protect door rebates and frames.



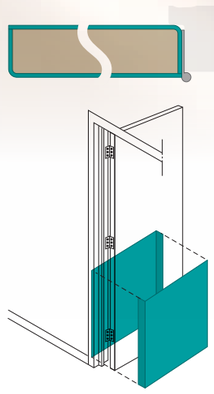
BASIC PROTECTION

A straightforward, effective and easy to fit door protection. Ideal for retrofit applications.



TWO THERMOFORMED PARTS IN L-SHAPE

A thorough door protection as its two L-shaped thermoformed plates protect the door faces and its edges.

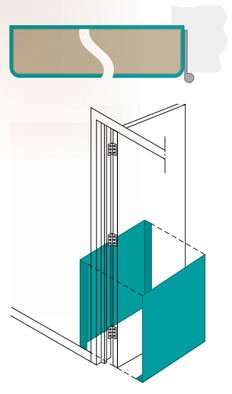


APPLICATION FOR WET AREAS

Especially designed for humid or wet environments.

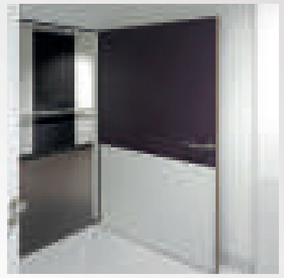
A U-shaped panel protects one face and both door edges. An L-shaped panel protects the other face and the underside of the door.

To be used with glue MSP 108.



↑ Straight half height **Acrovyn® sheet** in matching door colour.

→ Straight half height **Acrovyn® sheet** in contrasting colour.

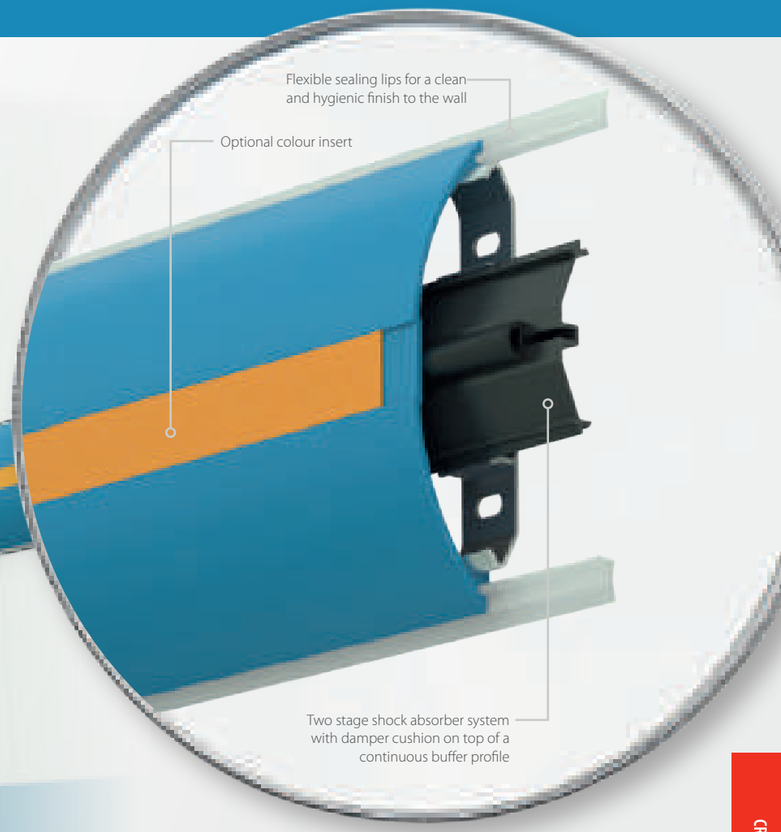


↑ **Acrovyn by Design®** was used for the left door leaf and standard **Acrovyn® sheet** for the right.

↓ 2 mm and 0,8 mm **custom cut Acrovyn® sheet** make up this cheerful protection.

← Full height **Acrovyn® door protection** with cut out room number to reveal wooden door face.

Only the best wall protection is sometimes good enough

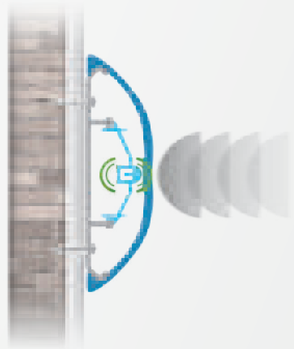


1 | Aronde 170 Crash rail
2 | TP 150 Rub rail

suggested application

A perfect crash rail for every need

> Our wide range of innovative crash rails offers a perfect wall protection solution for every need and location, keeping your premises in flawless conditions.

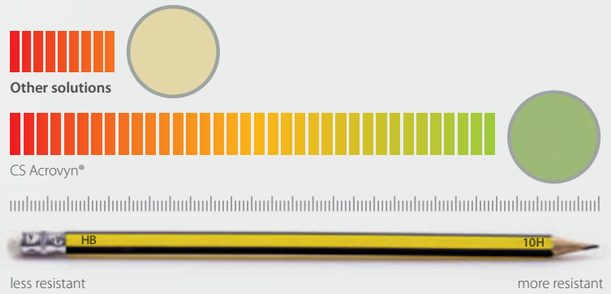


The shock absorber difference

> Acrovyn® crash rails deform under impact immediately recovering its original shape. Their internal shock absorbers dissipate the impact energy along the length of the crash rail and away from fixtures, preventing them from loosening or breaking.

Only CS Acrovyn® crash rails absorb heavy blows without passing the force onto the wall

Behind the sleek and elegant lines of Acrovyn® crash rails you will find shock absorbers engineered with state of the art technology and top quality materials to provide heavy duty impact resistance where you most need it.



Our unique Acrovyn® texture conceals scratches much better

> Acrovyn® is highly scratch resistant but if a scratch occurs our unique texture conceals it preserving its brand-new look.

Looks great from the **outside**...

... but the **inside** offers even more

Acrovyn® crash rails are pure eye candy and have even more to offer under the cover. Unlike ordinary bumper guards, only Acrovyn®'s range of heavy duty crash rails have been engineered with internal shock absorbers to channel the force of violent impacts away from walls and fixtures to afford reliable and great looking protection for years to come.

ORDINARY CRASH RAIL

Without shock absorbers, impact forces can be transferred onto the wall...

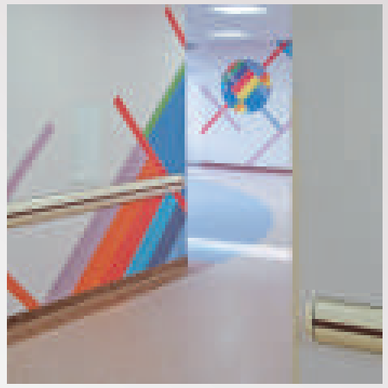
ACROVYN® CRASH RAIL

A bumper cushion on top of an internal Acrovyn® shock absorber dissipates even violent impacts...

... causing fixtures to loosen or break and eventually damage to the wall itself resulting in costly and time consuming repairs.

... transferring impact forces away from wall and fixtures, affording a long lasting and reliable protection to your premises.

← The extra-wide **rub rail TP300** protects the lower part of the walls. **Corner guards SSM20** and the **combined handrail crash rail HRB20** complete the wall protection scheme.



↑ **SCR50 crash rails** mounted at low- and mid-height provide a discreet but very effective wall protection.

← **Aronde 170 crash rail** mounted at mid-height. The decorative insert can also be used for colour guidance schemes.

↑ **Crash rails SCR80 and SCR50** protect walls from hospital equipment.

← **SCR80 crash rails and TP200 rub rails** have been used in this hospital corridor for wall and door protection.

← The stylish curves of the **SCR80 crash rail** discreetly hug the wall while offering effective impact protection from hospital equipment.

FOR MORE INFORMATION PLEASE SCAN:

SCR80 - SCR80M

SCR50 - SCR50M

FR225

SCR80 | ACROVYN®

A stylishly curved profile with impressive impact protection

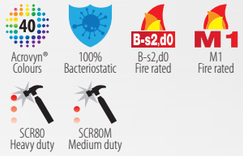
- Acrovyn® cover over a continuous aluminium retainer for extra resistance and heavy duty applications (SCR80M)
- An economic version with aluminium mounting brackets at 600 mm centres is also available (SCR80)
- Free-floating cover flexes on impact, neutralising the force
- An internal, continuous, shock-absorbing bumper profile provides top of the range impact protection

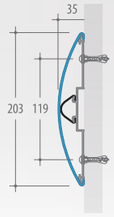
4.000x203x35 mm

ACCESSORIES

- Standard end cap
- External corner
- Decorative insert in black
- Splice plate

CHARACTERISTICS



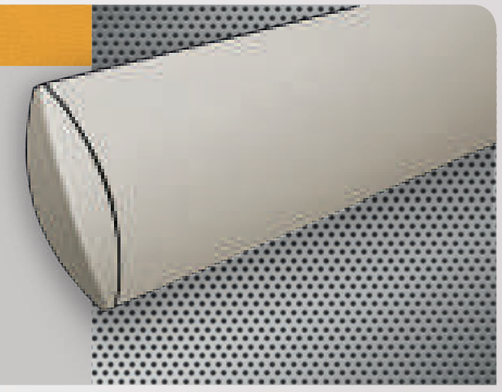


SPECIFICATION TEXTS *www.cs-france.fr/en/?p=384*

SCR50 | ACROVYN®

Sleek and stylish appearance, heavy duty performance

- Acrovyn® cover over a continuous aluminium retainer rail for extra resistance and heavy duty applications (SCR50M)
- An economic version with aluminium mounting brackets at 600 mm centres is also available (SCR50)
- Free-floating cover flexes on impact, neutralising the force
- An internal, continuous, shock-absorbing bumper profile provides for top of the range impact protection

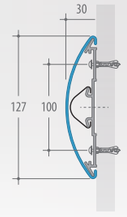


4.000x127x27 mm

ACCESSORIES

- Standard end cap with decorative insert in black
- External corner
- Splice plate

CHARACTERISTICS



SPECIFICATION TEXTS *www.cs-france.fr/en/?p=387*

SCR80 | FAUX WOOD, BRUSHED METAL AND CARBON

Beautiful natural colours and textures, heavy duty impact protection

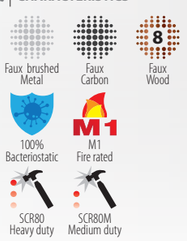
- Acrovyn® cover over a continuous aluminium retainer for extra resistance and heavy duty applications (SCR80M)
- An economic version with aluminium mounting brackets at 600 mm centres is also available (SCR80)
- Free-floating cover flexes on impact, neutralising the force
- An internal, continuous, shock-absorbing bumper profile provides top of the range impact protection

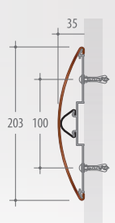
4.000x203x35 mm

ACCESSORIES

- Standard end cap
- External corner
- Decorative insert in grey
- Splice plate

CHARACTERISTICS



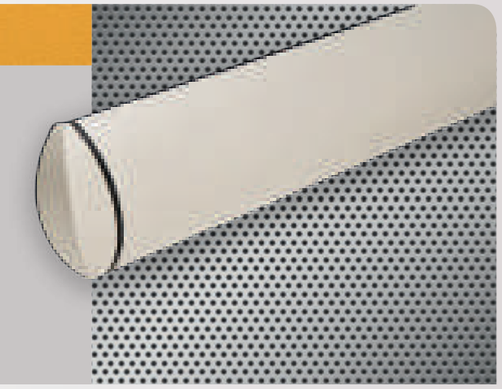


SPECIFICATION TEXTS *www.cs-france.fr/en/?p=384*

FR225 | ACROVYN®

A discreet and lightweight rub rail you can rely on

- Acrovyn® cover over continuous aluminium retainer
- Low profile crescent shape
- Free-floating design flexes on impact, neutralising the force

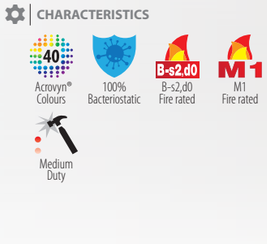


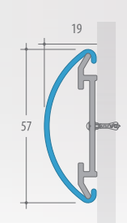
4.000x57x19 mm

ACCESSORIES

- Standard end cap with decorative insert in black
- External corner

CHARACTERISTICS





SPECIFICATION TEXTS *www.cs-france.fr/en/?p=388*

FOR MORE INFORMATION PLEASE SCAN:

ARONDE170 - 170E | TP100-150-200-300 | BL 40/104 | BL HRB4C/169

ARONDE170 | ACROVYN®

Engineered for highly demanding applications but with design versatility in mind

- Heavy duty version with continuous vinyl bumper rail and aluminium mounting brackets at 600 mm centres (Aronde170)
- Economic version, with aluminium mounting brackets at 600 mm centres only (Aronde170E)
- Flexible closing lips ensure a hygienic and sealed finish to the wall
- Decorative inserts allow for stylish colour combinations and guidance schemes

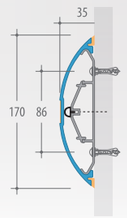
4.000x170x35 mm

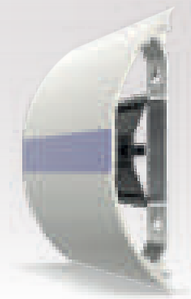
CHARACTERISTICS

Acrovyn® Colours | Acrovyn® DuoColor | 100% Bacteriostatic | B-s2,d0 Fire rated | M1 Fire rated | 170 Heavy duty | 170E Medium duty

ACCESSORIES

- Standard end cap
- External corner
- Splice plate
- Decorative contrast insert in 40 colours



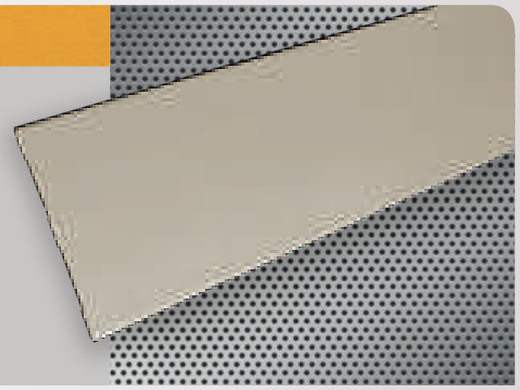


SPECIFICATION TEXTS www.cs-france.fr/en/?p=389

TP100-150-200-300 | ACROVYN®

Light duty rub rails maximise corridor space while offering reliable impact and scratch resistance

- Available in four heights to suit project requirements
- Bull-nose edges mould profile to the wall
- Fast and effortless installation with factory applied adhesive strips (optional)



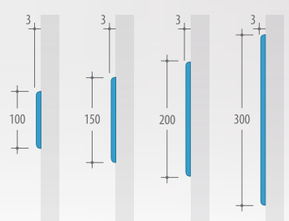
4.000x100x3 mm
4.000x150x3 mm
4.000x200x3 mm
4.000x300x3 mm

CHARACTERISTICS

Acrovyn® Colours | 100% Bacteriostatic | B-s2,d0 Fire rated | M1 Fire rated | Medium Duty

ACCESSORIES

- Preformed internal and external corners
- Optional adhesive strips



SPECIFICATION TEXTS www.cs-france.fr/en/?p=390

BL 40/104 | ACROVYN®

NEW

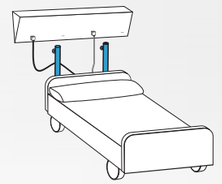
Stylish bed locator offering top of the range protection

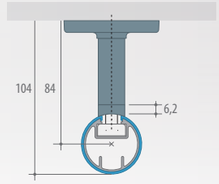
- Round Acrovyn® cover over continuous aluminium tube
- Supplied with Acrovyn® end caps and stainless steel mounting brackets
- Supplied in pairs of 700 mm length for vertical mounting

700x104x40 mm

CHARACTERISTICS

Acrovyn® Colours | Acrovyn® Bactericide | B-s2,d0 Fire rated | M1 Fire rated | Heavy Duty





SPECIFICATION TEXTS www.cs-france.fr/en/products/wall-protection/crash-rails/acrovyn/

BL HRB4C/169 | ACROVYN®

NEW

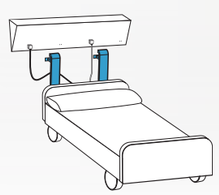
Severe duty bed head protectors

- Acrovyn® cover over continuous aluminium retainer profile
- Internal shock absorbing bumper cushions for increased impact protection
- Supplied with Acrovyn® end caps and mounting brackets in Acrovyn® (74 mm) or stainless steel (174 mm)
- Supplied in pairs of 700 mm length for vertical mounting

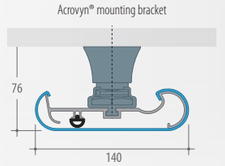
CHARACTERISTICS

Acrovyn® Colours | 100% Bacteriostatic | B-s2,d0 Fire rated | M1 Fire rated | Heavy Duty

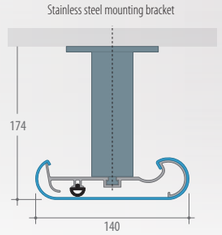
700x140x76 mm
700x140x174 mm



Acrovyn® mounting bracket



Stainless steel mounting bracket



SPECIFICATION TEXTS www.cs-france.fr/en/products/wall-protection/crash-rails/acrovyn/

FOR MORE INFORMATION PLEASE SCAN:

CRS100 | CRS150 | CRS200 | LLRSS | POST | CORNER PROTECTION

CRS100-150-200 | STAINLESS STEEL

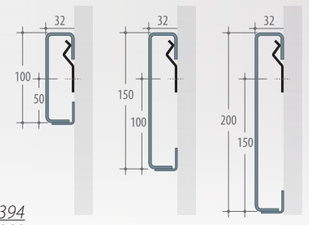
Heavy duty stainless steel crash rail suitable for ultra-clean environments

- Custom, ready-to-install kit with upper and lower pre-drilled mounting strips
- 1.2 mm cover thickness
- Brushed stainless steel in food-approved quality (304L)

3.000x200x32 mm
3.000x150x32 mm
3.000x100x32 mm

CHARACTERISTICS

Stainless Steel | 100% Bacteriostatic | Heavy Duty



ACCESSORIES

- Closed welded end caps

SPECIFICATION TEXTS
CRS 100: www.cs-france.fr/en/?p=394
CRS 150: www.cs-france.fr/en/?p=393
CRS 200: www.cs-france.fr/en/?p=392

LLRSS | STAINLESS STEEL

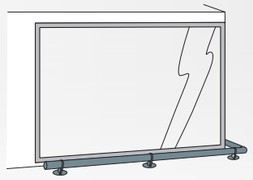
Heavy duty stainless steel rail ideal for protecting large glazing, furnitures or walls

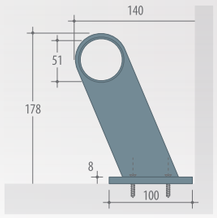
- Stainless steel tubular rail on stainless steel brackets
- Suitable for floor or wall mounting
- Brushed stainless steel

CHARACTERISTICS

Stainless Steel | 100% Bacteriostatic | Heavy Duty

3.000x51x51 mm





ACCESSORIES

- Stainless steel mounting bracket with base plate
- Return to wall end caps
- External corners
- Internal corners
- End stops
- Splice plate

SPECIFICATION TEXTS www.cs-france.fr/en/?p=395

POST | STAINLESS STEEL

NEW

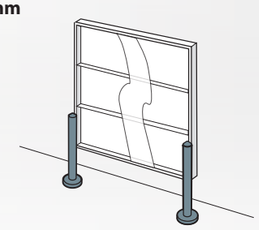
Stainless steel post designed to protect features, corners and doors

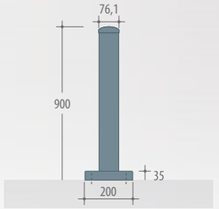
- Designed for floor mounting, with base plate cover to conceal fixings
- Brushed stainless steel

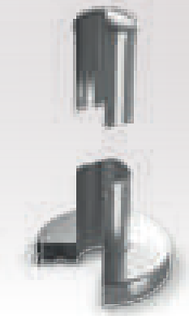
900x200 mm, ø 76 mm

CHARACTERISTICS

Stainless Steel | 100% Bacteriostatic | Heavy Duty



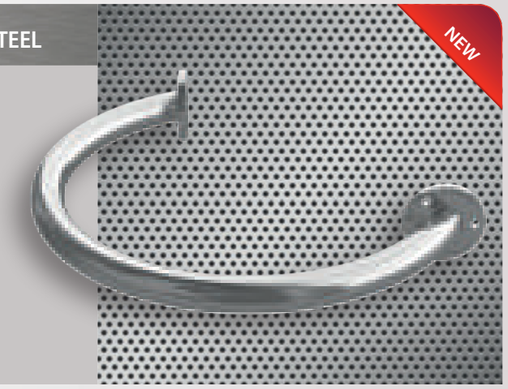




SPECIFICATION TEXTS www.cs-france.fr/en/products/wall-protection/crash-rails/stainless-steel/

CORNER PROTECTION | STAINLESS STEEL

NEW



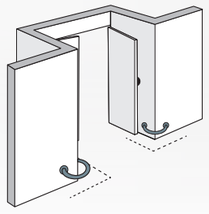
Severe duty low level stainless steel rail to protect corners from rolling loads

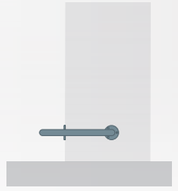
- Stainless steel tubular rail on stainless steel brackets
- Brushed stainless steel
- Matching design to LLRSS

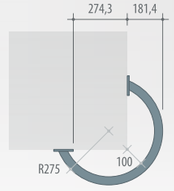
CHARACTERISTICS

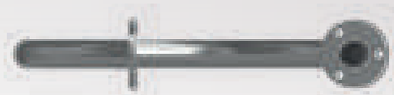
Stainless Steel | 100% Bacteriostatic | Heavy Duty

R 275 mm, ø 50 mm









SPECIFICATION TEXTS www.cs-france.fr/en/products/wall-protection/crash-rails/stainless-steel/

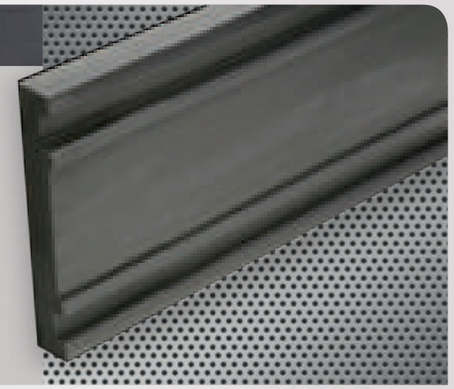
FOR MORE INFORMATION PLEASE SCAN:

200W30 | 200W50 | 150W20 | 75D | 100D | 60B

200W30 - 200W50 | EPDM RUBBER

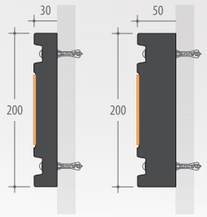
200 mm high EPDM rubber crash rail for extreme industrial applications

- Severe duty EPDM rubber crash rail
- Suitable for interior and exterior applications
- Available in two thicknesses to suit project requirements



3.000x200x50 mm
3.000x200x30 mm

CHARACTERISTICS



ACCESSORIES

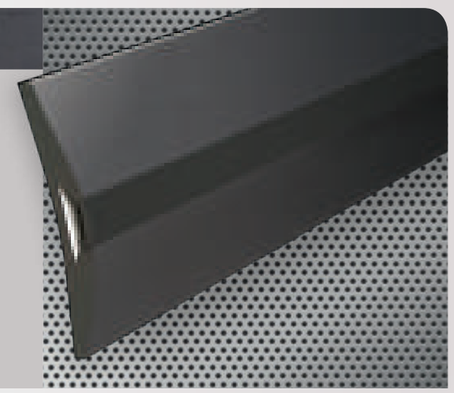
- Light reflective, self adhesive tape inserts

SPECIFICATION TEXTS **200W30:** *www.cs-france.fr/en/?p=406*
200W50: *www.cs-france.fr/en/?p=405*

150W20 | EPDM RUBBER

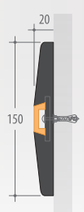
Slim-line rubber protection with concealed fixings

- Severe duty EPDM rubber crash rail
- Snap-in cover strip to conceal fixings
- Supplied with internal aluminium strip for firmer wall fastening



3.000x150x20 mm

CHARACTERISTICS

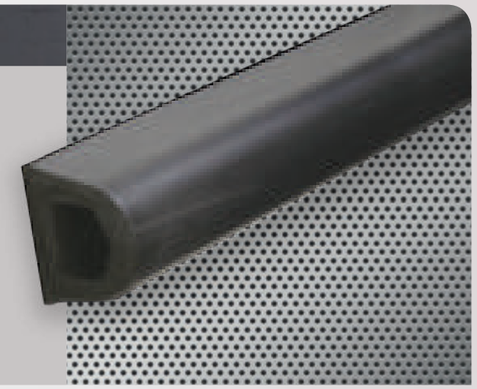


SPECIFICATION TEXTS *www.cs-france.fr/en/?p=407*

75D-100D | EPDM RUBBER

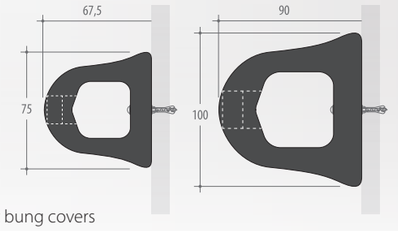
Shock absorbing rubber guards for indoor and outdoor use

- Severe duty, shock absorbing EPDM rubber guard
- Available in two sizes to suit project requirements
- Hollow design flexes under impact, absorbing the force



3.000x100x90 mm
3.000x75x67,5 mm

CHARACTERISTICS



ACCESSORIES

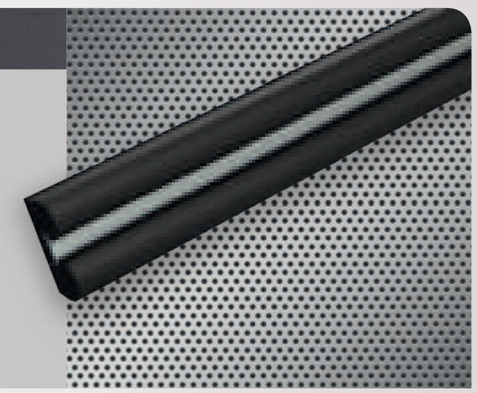
- Rubber end plugs
- Bolt bung covers

SPECIFICATION TEXTS **75D:** *www.cs-france.fr/en/?p=409* **100D:** *www.cs-france.fr/en/?p=408*

60B | EPDM RUBBER

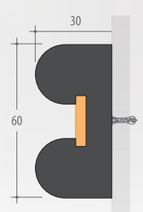
Discreet B-section rubber guard for indoor and outdoor applications

- Severe duty EPDM rubber guard
- Continuous central fixing strip in anodised aluminium



3.000x60x30 mm

CHARACTERISTICS

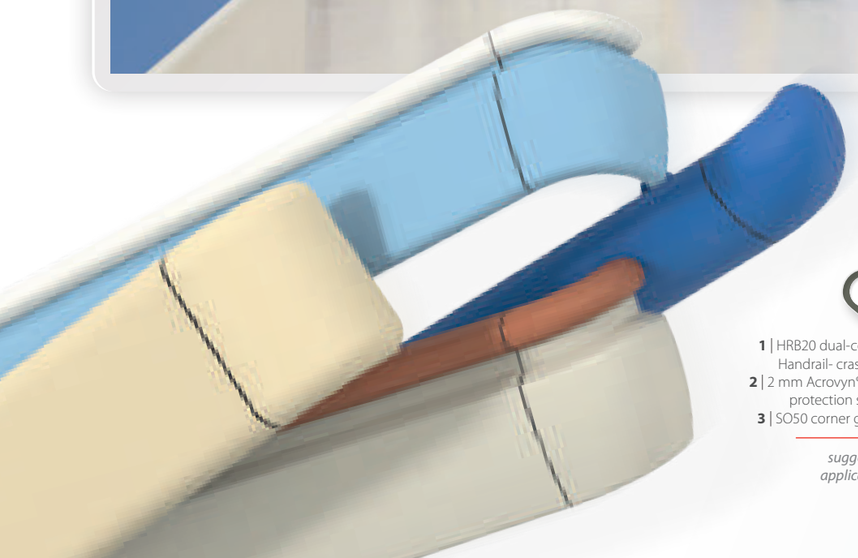


SPECIFICATION TEXTS *www.cs-france.fr/en/?p=410*

Engineered for performance and good looks

Trend setting aesthetics, unbeatable functionality

Our hand/crash rails have set the standards by which all others are judged. Carefully engineered to neutralize impacts rather than transferring them onto the wall, they will keep your premises in flawless conditions.

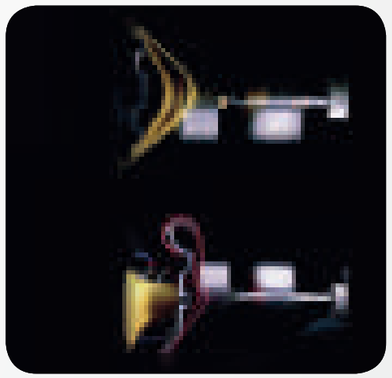


1 | HRB20 dual-colour Handrail- crash rail
2 | 2 mm Acrovyn® wall protection sheet
3 | SO50 corner guard

suggested application

Integrated shock absorbers for superior impact protection

> Most common crash rails don't have shock absorbers and transfer the force of impacts right onto the wall, causing fixtures to weaken and eventually break. **Only Acrovyn® handrails - crash rails sport integrated shock absorbers** which reliably disperse and dissipate the energy of impacts.

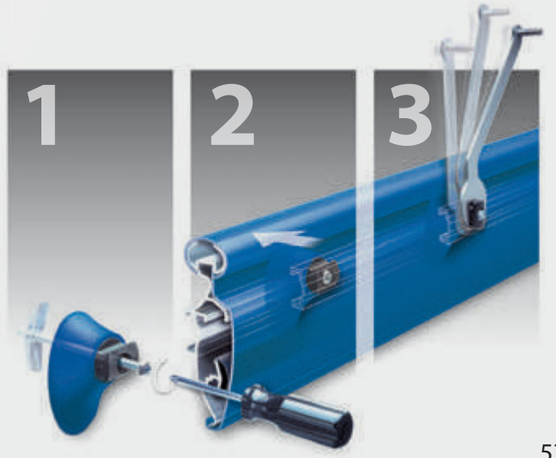


Install or remove in half the time with Quick Install®

STEP 1: Quick Install® brackets are fixed onto the wall at appropriate heights.

STEP 2: Simply place handrail assembly over the Quick Install® bracket.

STEP 3: One quarter turn with supplied wrench to lock handrail in place.



← **HRB20 hand/crash rail** contrasts with the wall colour.

↓ **HRB4C** profiles in matching wall colour mounted on half height **Acrovyn® sheet** form a clean and unobtrusive wall protection.

↑ For this hospital the **HRB20** profile had been chosen to offer handrail support to patients while protecting walls from impacts.

← The handrail profile of the **HRB20 handrail-crash rail** can be chosen in contrasting colours, wood or metal textures to create fashionable duo-colour combinations.

Stylish **HRB35** and matching half-height **Acrovyn® sheet** combine into a contemporary wall protection assembly. →

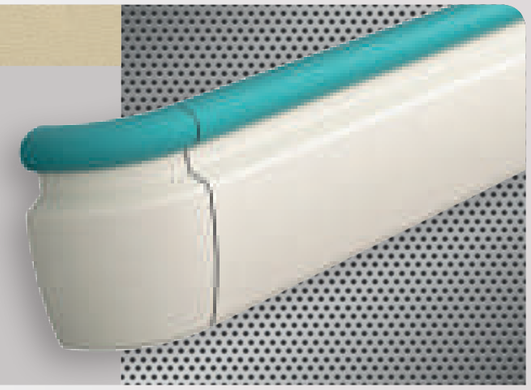
FOR MORE INFORMATION PLEASE SCAN:

HRB20 HRB4C HRB35

HRB20 | ACROVYN®

Stylish and hard wearing handrail-crash rail combo for high traffic circulation routes

- Beautiful colour combinations can be used to provide visual contrast and for colour guidance schemes in hospitals
- Oval Acrovyn® handrail for 335° grip surface and Acrovyn® crash rail over continuous aluminium retainer
- Shock-absorbing bumper cushion for increased impact protection
- Easy and fast to install thanks to its Quick Install® fixture system



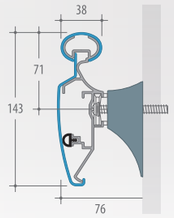
4.000x143x38 mm

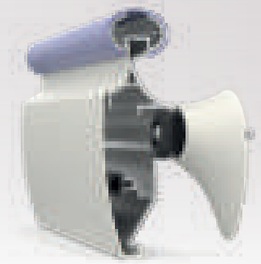
ACCESSORIES

- Mounting brackets
- Standard end cap
- External and special corners
- Splice plate
- Removable kit for service duct
- Quick Install® spanners

CHARACTERISTICS

Acrovyn® Colours; Acrovyn® DuoColor; Fast & effortless installation; 100% Bacteriostatic; B-s2,d0 Fire rated; M1 Fire rated; Heavy Duty; B-s2,d0 Fire rated; M1 Fire rated



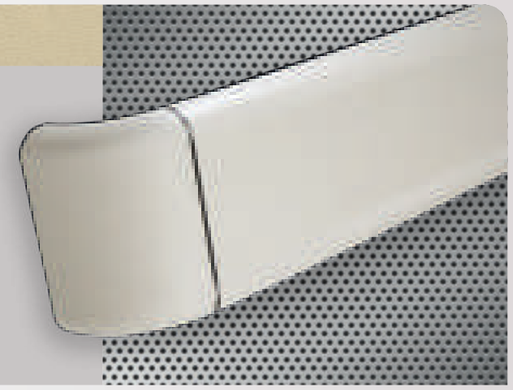


SPECIFICATION TEXTS www.cs-france.fr/en/?p=134

HRB4C | ACROVYN®

Effective handrail - bumper guard with a fluid minimalist design

- Single piece Acrovyn® cover over continuous aluminium retainer
- Free-floating design flexes on impact, neutralising the force
- Shock-absorbing bumper cushion for increased impact protection



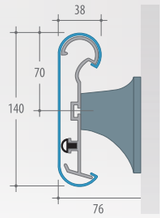
4.000x140x38 mm

ACCESSORIES

- Mounting brackets
- Standard end cap
- External and special corners
- Internal and special corners
- Splice plate

CHARACTERISTICS

Acrovyn® Colours; 100% Bacteriostatic; B-s2,d0 Fire rated; M1 Fire rated; Heavy Duty



SPECIFICATION TEXTS www.cs-france.fr/en/?p=369

HRB20 | FAUX WOOD, BRUSHED METAL AND CARBON

Stylish and hard wearing handrail -crash rail combo for high traffic circulation routes

- Beautiful colour combinations can be used to provide visual contrast and for colour guidance schemes in hospitals
- Oval Acrovyn® handrail for 335° grip surface and Acrovyn® crash rail over continuous aluminium retainer
- Shock-absorbing bumper cushion for increased impact protection
- Easy and fast to install thanks to its Quick Install® fixture system

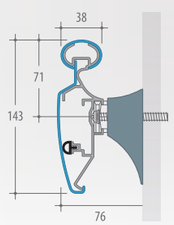
4.000x143x38 mm

ACCESSORIES

- Mounting brackets
- Standard end cap
- External and special corners
- Splice plate
- Removable kit for service duct
- Quick Install® spanners

CHARACTERISTICS

Acrovyn® Colours; 100% Bacteriostatic; Fast & effortless installation; Faux brushed Metal; Faux Carbon; Faux Wood; Heavy Duty; B-s2,d0 Fire rated; M1 Fire rated

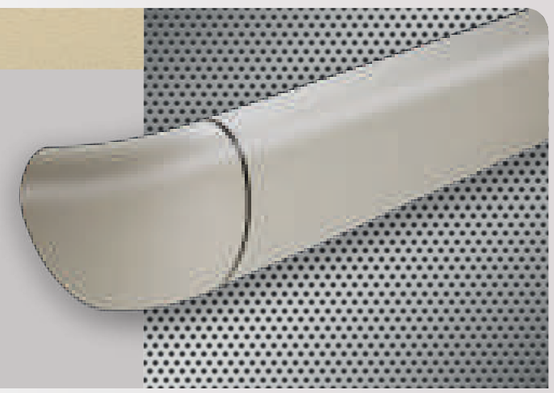


SPECIFICATION TEXTS www.cs-france.fr/en/?p=150

HRB35 | ACROVYN®

Sleek and stylish handrail - crash rail combo

- Oval Acrovyn® handrail for 335° grip surface
- Acrovyn® crash rail cover over continuous aluminium retainer
- Free-floating design flexes on impact, neutralising the force
- Easy and fast installation thanks to its Quick Install® fixture system



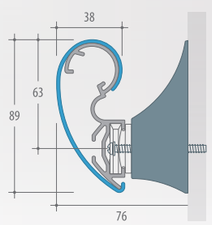
4.000x89x38 mm

ACCESSORIES

- Mounting brackets
- Standard end cap
- External and special corners
- Splice plate
- Removable kit for service duct
- Quick Install® spanners

CHARACTERISTICS

Acrovyn® Colours; 100% Bacteriostatic; Fast & effortless installation; B-s2,d0 Fire rated; M1 Fire rated; Heavy Duty



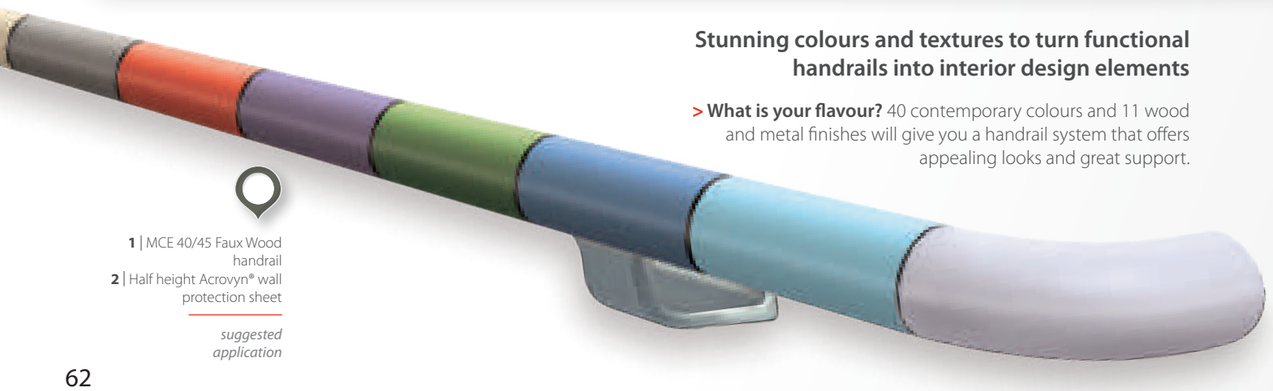
SPECIFICATION TEXTS www.cs-france.fr/en/?p=150

A firm grip with a comfortable touch and feel

Superior ergonomic engineering with all the properties of CS Acrovyn®

Our range of handrails have been developed by ergo-therapeutic specialists to find just the right size, shape and design in order to provide people with reduced mobility with the most comfortable grip and best possible support.

Another unique feature brought to you exclusively by CS are our Acrovyn® Bactericide handrails: they pro-actively kill germs settled on their surface, helping to combat nosocomial infections.
For more information on Acrovyn® Bactericide please consult page 26.

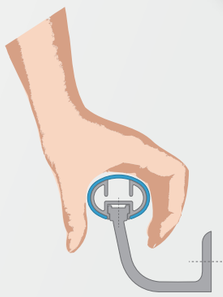


1 | MCE 40/45 Faux Wood handrail
2 | Half height Acrovyn® wall protection sheet

suggested application

Stunning colours and textures to turn functional handrails into interior design elements

> **What is your flavour?** 40 contemporary colours and 11 wood and metal finishes will give you a handrail system that offers appealing looks and great support.



Engineered for maximum comfort and safety

> For perfect accessibility, our handrails adjust to every type of corner allowing to create continuous, uninterrupted support systems. Our fixing brackets have been designed to let hands comfortably slide past them in order to provide continuous, safe support all along.

A stylish combination of **MCW40/45 solid beech and MCE40/45 Aluminium handrails**.

Hydrotherapy pool with **MCE40/45 Faux Carbon handrail**.

Geriatric residence equipped with **MCE 40/45 Bactericide handrails** with aluminium fixing brackets.

Hospital corridor with **HRO6 Faux Wood handrails** and matching **Faux Wood Acrovyn® protection sheets**.

Acrovyn® Bactericide MCE 40/45 handrail with matching **Aronde 170 crash rail**.

HRO6 handrails with stainless steel fixing brackets in hospital hall and half-height **Acrovyn® wall protection sheets**.

FOR MORE INFORMATION PLEASE SCAN:

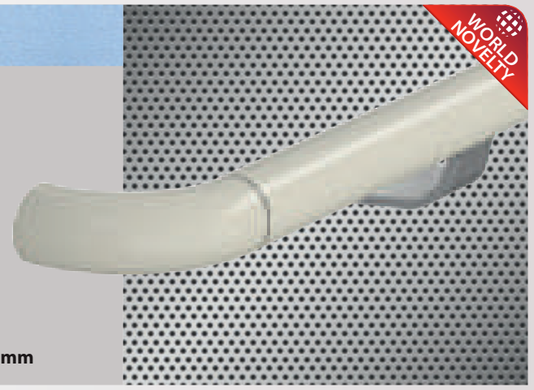
MCE40/45 BACTERICIDE | MCE40/45 FAUX WOOD-METAL | MCE 40/45 ALU

MCE40/45 | ACROVYN® BACTERICIDE

WORLD NOVELTY

The only handrail that pro-actively kills bacteria

- The only handrail in the market with "Bactericide" certification (test reports upon request)
- Its ergonomic design allows for a firm grip while the hand can slide comfortably past the fixing brackets without touching them
- Handrail can be installed to curved walls (minimum radius 1 m)



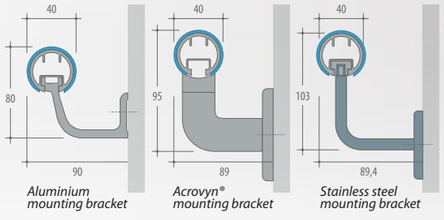
CHARACTERISTICS

40 Acrovyn® Colours | Acrovyn® Bactericide | B-s2,d0 Fire rated | M1 Fire rated | Medium Duty

4.000x40x40 mm

ACCESSORIES

- Aluminium mounting brackets
- Stainless steel mounting brackets
- Acrovyn® mounting brackets in Snow White 9003 or Dove Grey 24
- Standard end caps and end stops
- External, internal, universal corners
- Support plug for end cap
- Removable kit for service duct
- Universal corner adaptor for stairs
- Decorative rings in black
- Splice plate



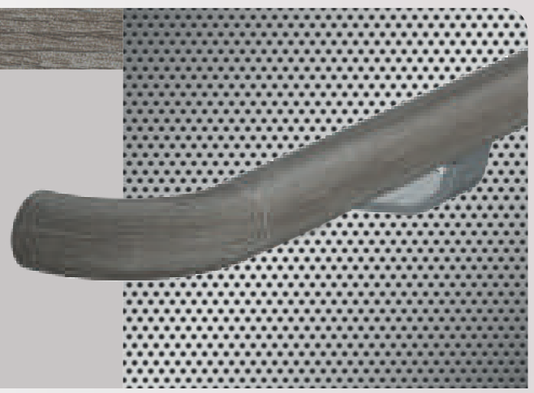
FOR MORE INFORMATION ON MOUNTING BRACKETS PLEASE SEE **page 68**

SPECIFICATION TEXTS *www.cs-france.fr/en/?p=378*

MCE40/45 | ACROVYN® FAUX WOOD

The warm look and feel of wood with the ruggedness and ease of maintenance of CS Acrovyn®

- Acrovyn® Faux Wood cover mounted over a continuous aluminium retainer for extra stability and sure grip
- Handrail can be installed to curved walls (minimum radius 1 m)



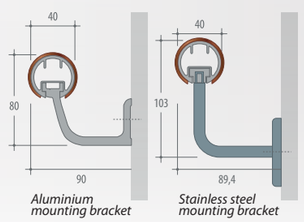
CHARACTERISTICS

8 Faux Wood | 100% Bacteriostatic | B-s2,d0 Fire rated | M1 Fire rated | Medium Duty

4.000x40x40 mm

ACCESSORIES

- Aluminium mounting brackets
- Stainless Steel mounting brackets
- Standard end caps and end stops
- External, internal and universal corners
- Support plug for end cap
- Removable kit for service duct
- Universal corner adaptor for stairs
- Decorative rings in grey
- Splice plate



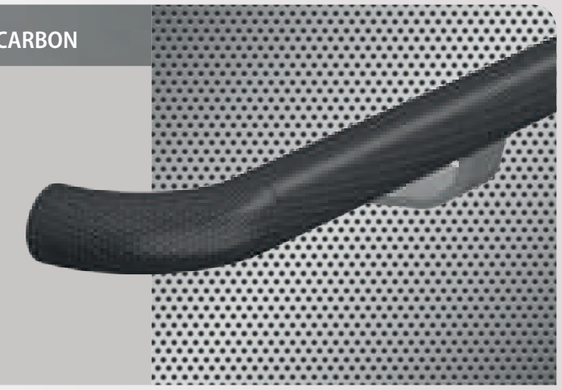
FOR MORE INFORMATION ON MOUNTING BRACKETS PLEASE SEE **page 68**

SPECIFICATION TEXTS *www.cs-france.fr/en/?p=379*

MCE40/45 | FAUX BRUSHED METAL AND CARBON

The cool and elegant look of metal with the warm and sure grip of CS Acrovyn®

- Acrovyn® Faux Metal cover mounted over a continuous aluminium retainer for extra stability and sure grip
- Handrail can be installed to curved walls (minimum radius 1 m)



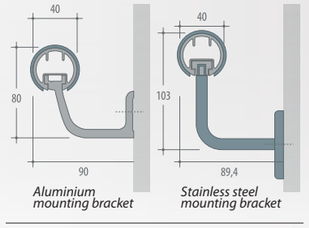
CHARACTERISTICS

Faux brushed Metal | Faux Carbon | 100% Bacteriostatic | B-s2,d0 Fire rated | M1 Fire rated | Medium Duty

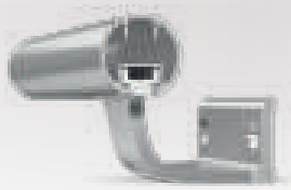
4.000x40x40 mm

ACCESSORIES

- Aluminium mounting brackets
- Stainless Steel mounting brackets
- Standard end caps and end stops
- External, internal and universal corners
- Support plug for end cap
- Removable kit for service duct
- Universal corner adaptor for stairs
- Decorative rings in black
- Splice plate



FOR MORE INFORMATION ON MOUNTING BRACKETS PLEASE SEE **page 68**

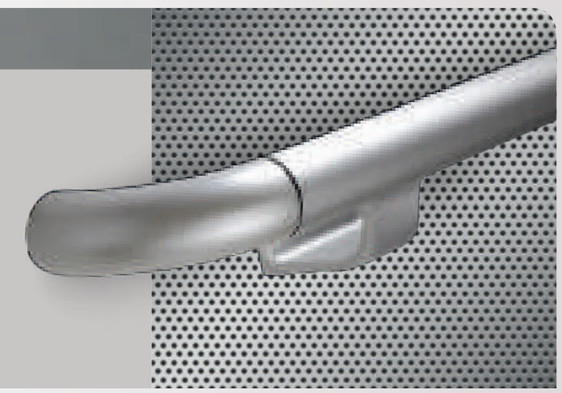


SPECIFICATION TEXTS *www.cs-france.fr/en/?p=381*

MCE 40/45 | ALUMINIUM

Real aluminium handrail never goes out of style

- Rugged aluminium profile with highest quality anodisation
- Infill strip closes off retainer groove providing a continuous 'easy clean' surface
- Handrail profile can be curved



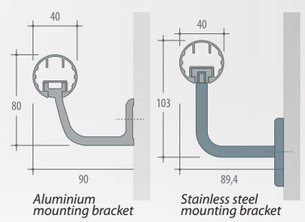
CHARACTERISTICS

Anodised Aluminium | Medium Duty

4.000x40x40 mm

ACCESSORIES

- Aluminium and Inox mounting brackets
- 32 mm Alu bracket for curved handrails
- Standard end cap
- Support plug for end cap
- External/Internal/universal corners
- Universal corner adaptor for stairs
- Removable kit for service duct
- Decorative rings in black
- Splice plate



FOR MORE INFORMATION ON MOUNTING BRACKETS PLEASE SEE **page 68**

SPECIFICATION TEXTS *www.cs-france.fr/en/?p=381*

FOR MORE INFORMATION PLEASE SCAN:

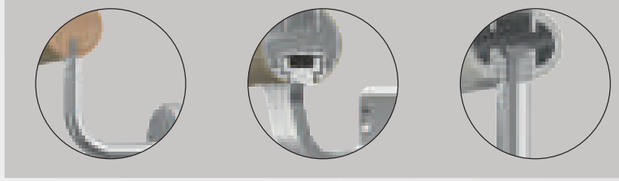
FIXING BRACKET OPTIONS

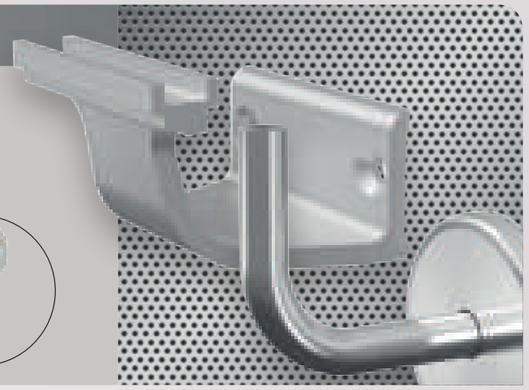
UNIVERSAL ANGLE ADAPTOR

FIXING BRACKET OPTIONS

Stylish and versatile fixing bracket options for the perfect handrail finish

- Our fixing brackets have been designed to let hands pass by with ease. They offer ruggedness and a perfect handrail finish



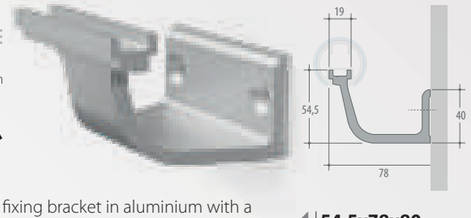


FIXING BRACKETS FOR THE MCE40/45 HANDRAIL

MCE40/45 anodised Aluminium mounting bracket

Anodised Aluminium

Medium Duty



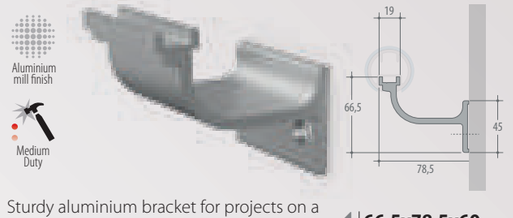
Stylish fixing bracket in aluminium with a high quality anodised finish.

54,5x78x80 mm

MCE40/45 anodised Aluminium ECO mounting bracket

Aluminium mill finish

Medium Duty



Sturdy aluminium bracket for projects on a tight budget. Excellent cost to quality ratio.

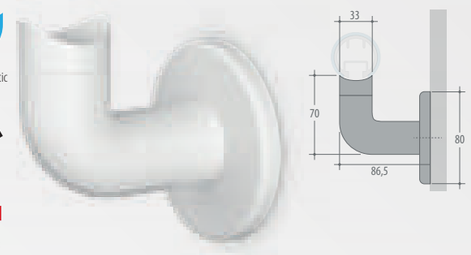
66,5x78,5x60 mm

MCE40/45 Acrovyn® mounting bracket

100% Bacteriostatic

Medium Duty

M1 Fire rated



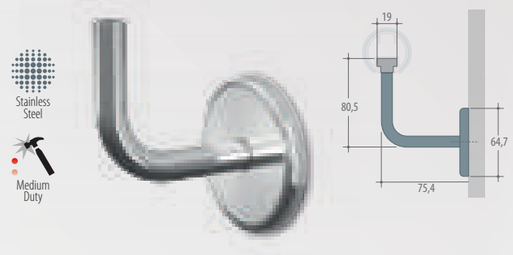
Acrovyn® fixing bracket available in Snow White (9003) and Dove Grey (24).

95x86,5x80 mm

MCE40/45 Stainless Steel mounting bracket

Stainless Steel

Medium Duty



Elegant bracket in polished stainless steel with snap-on cover to conceal screw fixings.

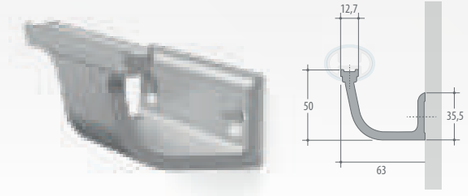
107x75,4x64,7 mm

FIXING BRACKETS FOR THE HRO6 HANDRAIL

HRO6 Aluminium mounting bracket

Anodised Aluminium

Medium Duty



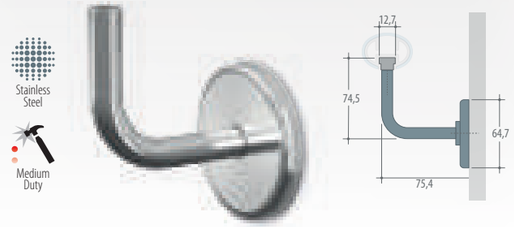
Stylish fixing bracket in aluminium with a high quality anodised finish.

54x63x80 mm

HRO6 Stainless Steel mounting bracket

Stainless Steel

Medium Duty



Elegant bracket in polished stainless steel with snap-on cover to conceal screw fixings.

100,8x75,4x64,7 mm

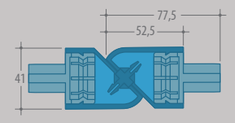
UNIVERSAL CORNER ADAPTOR FOR STAIRS

NEW

Building continuous handrail systems made easy

- One adaptor fits all situations. Rotation around two axes allows the adaptor to accommodate any required angle and staircase configuration
- Makes it easy to build continuous handrail systems

41x41x145 mm



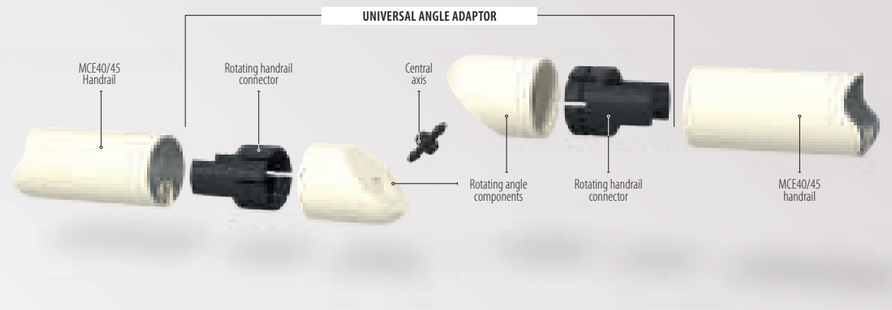
CHARACTERISTICS

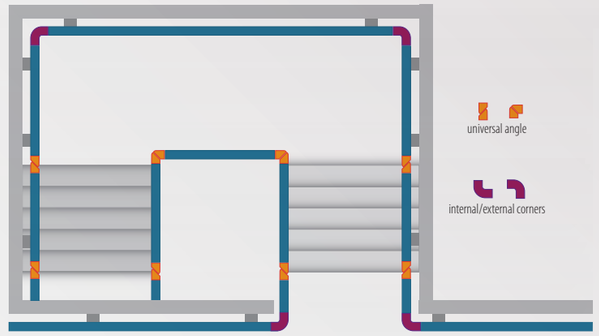
Acrovyn® Colours

100% Bacteriostatic

M1 Fire rated

Medium Duty





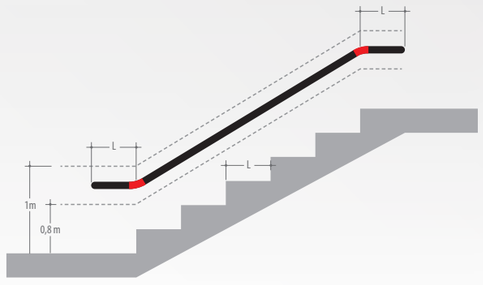
Continuous handrail systems that connect staircase with floor level handrails can be built effortlessly with the universal angle adaptor

REQUIREMENTS FOR STAIRCASES OF PUBLIC PREMISES

Staircases in premises open to the public must be equipped with handrails on each side.

The handrail systems must be compliant with the following requirements:

- Installation at a height of 0,80 m to 1,00 m.
- The handrail must be extended on each flight beyond the first and last step for the length of at least one tread.
- The handrail must be continuous, rigid and allow for an easy grip.

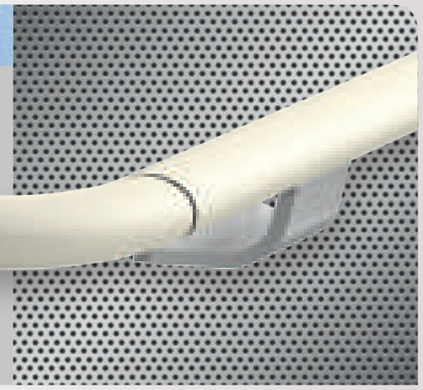


SPECIFICATION TEXTS http://www.cs-france.fr/en/products/wall-protection/handrails/

HR06 | ACROVYN®

An ergonomic handrail developed by ergo-therapists for geriatric applications

- This handrail has been especially developed by ergotherapists specialising in geriatrics. Its ergonomic, oval shape provides elderly people with a sure grip and firm support
- The interior aluminium retainer adds extra stability



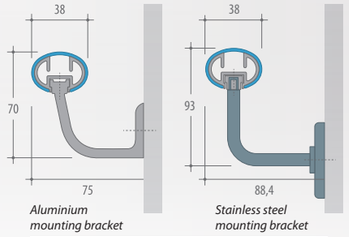
CHARACTERISTICS

40 Acrovyn® Colours · 100% Bacteriostatic · B-s2,d0 Fire rated · M1 Fire rated · Medium Duty

4.000x38x30 mm

ACCESSORIES

- Aluminium mounting brackets
- Stainless steel mounting brackets
- Standard end cap
- External/Internal/Special corners
- End stops
- Splice plate
- Removable kit for service duct
- Decorative rings in black



Aluminium mounting bracket — *Stainless steel mounting bracket*

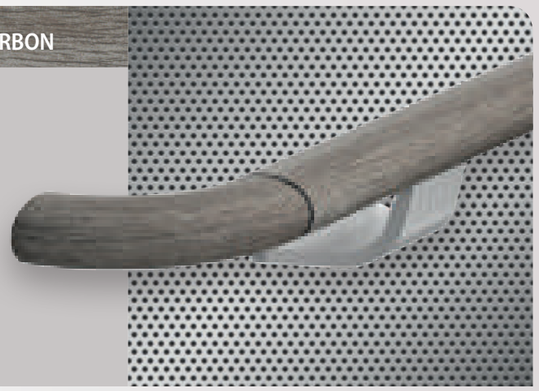
FOR MORE INFORMATION ON MOUNTING BRACKETS PLEASE SEE **page 68**

SPECIFICATION TEXTS *www.cs-france.fr/en/?p=373*

HR06 | FAUX WOOD, BRUSHED METAL AND CARBON

A sleek handrail with the looks of wood or metal but all the benefits of CS Acrovyn®

- Acrovyn® Faux Wood or Metal cover mounted over a continuous aluminium retainer. Developed by ergotherapists to provide elderly people with a sure grip and firm support
- The interior aluminium retainer adds extra stability



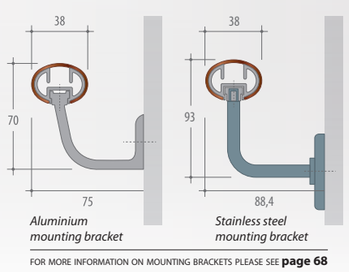
CHARACTERISTICS

8 Faux Wood · Faux brushed Metal · Faux Carbon · 100% Bacteriostatic · M1 Fire rated · Medium Duty

4.000x38x30 mm

ACCESSORIES

- Aluminium mounting brackets
- Stainless steel mounting brackets
- Standard end cap
- External, standard and special corners
- End stops
- Splice plate
- Removable kit for service duct
- Decorative rings in black



Aluminium mounting bracket — *Stainless steel mounting bracket*

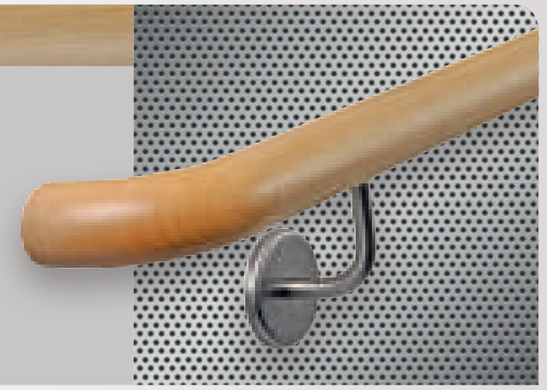
FOR MORE INFORMATION ON MOUNTING BRACKETS PLEASE SEE **page 68**

SPECIFICATION TEXTS *www.cs-france.fr/en/?p=374*

MCW40/45 | SOLID BEECH

The soothing touch of real wood

- Untreated timber handrail in solid beech for on-site assembly, delivered in standard length of 2000 mm
- Premium quality timber, steamed for extra stability and durability
- Custom size, ready-to-install handrail kits are available upon request in three varnish colours (Mahogany, Golden Oak or Walnut)



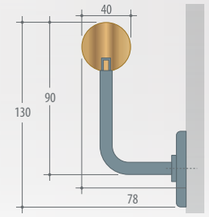
2.000x40x40 mm

CHARACTERISTICS

Solid Beech · Medium Duty

ACCESSORIES

- Stainless steel mounting brackets
- Standard end cap
- Stainless steel end cap
- External/Internal corners
- Round end stop
- Removable kit for service duct



Stainless steel mounting bracket

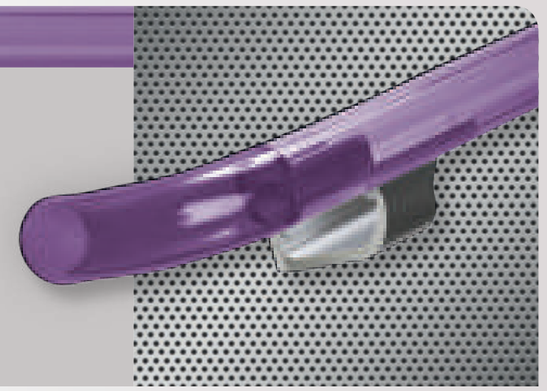
FOR MORE INFORMATION ON MOUNTING BRACKETS PLEASE SEE **page 68**

SPECIFICATION TEXTS *www.cs-france.fr/en/?p=376*

VISION | TRANSPARENT POLYCARBONATE

Futuristic transparent looks with all the features of a top grade handrail

- Extruded, highly resistant polycarbonate offering a warm and pleasant touch with an excellent grip
- Available in five transparent colours
- Allows for eye-catching interior LED illumination



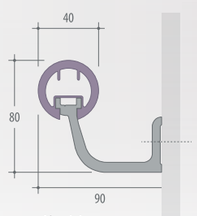
4.000x40x40 mm

CARACTÉRISTIQUES

5 Transparent Colour · Medium Duty · M1 Fire rated

ACCESSORIES

- Polished aluminium mounting brackets
- Standard end special end caps
- External/Internal corners
- Splice plate
- Removable kit for service duct



Aluminium mounting bracket

FOR MORE INFORMATION ON MOUNTING BRACKETS PLEASE SEE **page 68**

SPECIFICATION TEXTS *www.cs-france.fr/en/?p=382*

Reliable, long lasting protection for all types of corners

CS Acrovyn® protects corners with refreshing style

There are few architectural elements of busy hospital areas more prone to impact damage than columns and corners.

The heavy duty impact resistance of Acrovyn® corner guards, available in 51 colours and textures, will protect your corners from crumbling and keep your premises in flawless conditions with refreshing style.

A corner guard for every design need

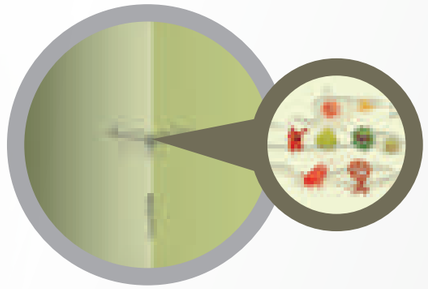
Available in all Acrovyn® colours independent of the fixing method (screw or glue fixed).

Reliable protection for non-standard corners of up to 175º, either screw or glue fixed.

Industrial grade protection in EPDM rubber for logistics areas or loading bays. Stainless steel corner guards are ideal for industrial kitchen areas.

1 | SCR50 Crash rail
2 | 2 mm Acrovyn® door kick plate
3 | SSM 20 Faux Wood corner guard

suggested application



Bacteria love damaged corners

> Damaged corners are not just ugly but also **ideal breeding grounds for bacteria**. Acrovyn® corner guards provide superior shock absorbing action keeping your corners intact, hygienic and maintenance free.

20x more resistant than real wood

> Acrovyn® Faux Wood looks like real wood but is as a matter of fact **20 times more resistant than solid timber**. Now you can prevent the damage to corners with trend setting style and without the maintenance cost of real timber.

Snow white **SM20 corner guards and SCR50 crash rails** set decorative accents on a green wall.

Half-height **SSM20 corner guard** in combination with **handrail HRB20** and low level **crash rail SCR50**.

Walls are protected with half-height **SSM20 corner guards** and matching **SCR80 crash rails**, for doors **TP200 rub rails** had been chosen.

Full height **SM20M corner guard** protects this non-standard corridor corner.

Full height **SO75** protects corners and gives a perfect finish to **Acrovyn® wall protection sheets**.

FOR MORE INFORMATION PLEASE SCAN:

SM20 SSM20 SM20M

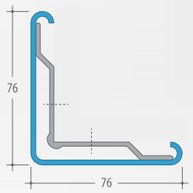
SM20 | ACROVYN®

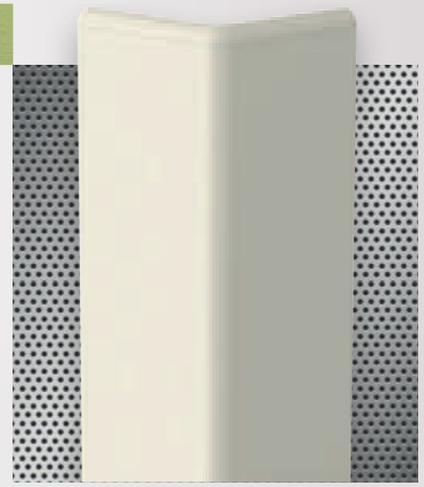
Shock absorbing CS Acrovyn® cover with rugged retainer for heavily abused corners

- Extra wide, shock absorbing Acrovyn® cover over continuous, surface mounted aluminium retainer
- Free floating cover flexes upon impact, neutralising the shock force and protecting the wall from damage

3.000x76x76 mm

ACCESSORIES
- Top and bottom end caps





CHARACTERISTICS

40 Acrovyn® Colours · 100% Bacteriostatic · B-s2,d0 Fire rated · M1 Fire rated · Heavy Duty

SPECIFICATION TEXTS www.cs-france.fr/en/?p=397

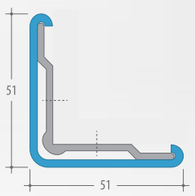
SSM20 | ACROVYN®

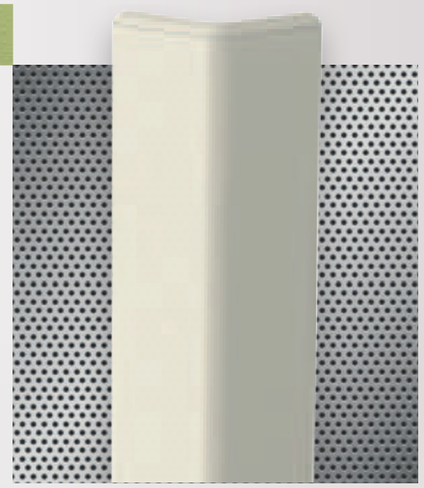
Heavy duty corner protection but more discreet than SM20

- Shock absorbing Acrovyn® cover over continuous, surface mounted aluminium retainer
- Free floating cover flexes upon impact, neutralising the shock force and protecting the wall from damage

3000x51x51 mm

ACCESSORIES
- Top and bottom end caps





CHARACTERISTICS

40 Acrovyn® Colours · 100% Bacteriostatic · B-s2,d0 Fire rated · M1 Fire rated · Heavy Duty

SPECIFICATION TEXTS www.cs-france.fr/en/?p=398

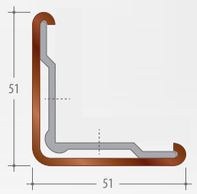
SSM20 | FAUX WOOD, BRUSHED METAL AND CARBON

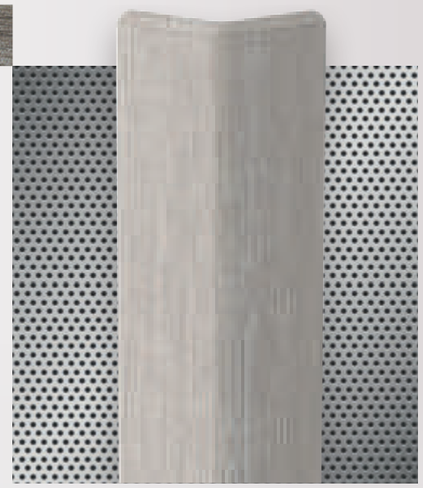
Natural looks, top grade protection

- Shock absorbing Acrovyn® cover over continuous, surface mounted aluminium retainer
- Designs with natural looks thanks to Acrovyn® Faux Wood or Metal finishes
- Free floating cover flexes upon impact, neutralising the shock force and protecting the wall from damage

3000x51x51 mm

ACCESSORIES
- Top and bottom end caps





CHARACTERISTICS

Faux brushed Metal · Faux Carbon · 8 Faux Wood · 100% Bacteriostatic · M1 Fire rated · Heavy Duty

SPECIFICATION TEXTS www.cs-france.fr/en/?p=398

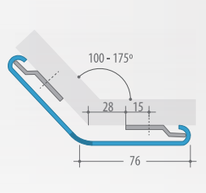
SM20M | ACROVYN®

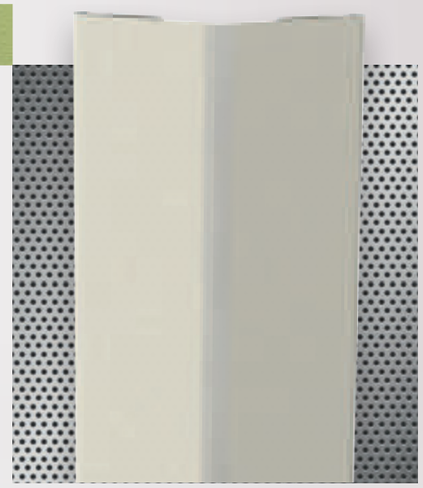
Heavy duty guards for non standard corners

- Shock absorbing Acrovyn® cover clipped over two continuous, surface mounted aluminium retainer profiles
- The co-extruded Acrovyn® cover sports a flexible centre to allow for corner angles of 100 to 175°

3.000x76x76 mm

ACCESSORIES
- Top and bottom end caps only available in 135°





CHARACTERISTICS

40 Acrovyn® Colours · 100% Bacteriostatic · B-s2,d0 Fire rated · M1 Fire rated · Heavy Duty

SPECIFICATION TEXTS www.cs-france.fr/en/?p=400

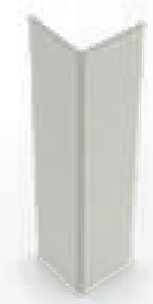
FOR MORE INFORMATION PLEASE SCAN:

SO30-50-75 | SO50V | BEVEL CUT OPTION

SO30-50-75 | ACROVYN®

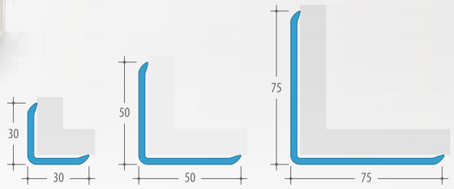
Sleek stick-on corner guard in legendary CS Acrovyn®

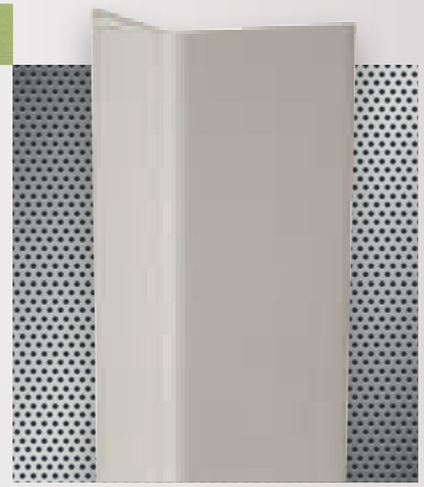
- Available in three sizes to suit most project requirements
- Can be installed with construction adhesive or factory applied self adhesive tape (optional)



3.000x75x75 mm
3.000x50x50 mm
3.000x30x30 mm

OPTIONS
- Factory applied self adhesive tape
- Top bevel cut





CHARACTERISTICS

40 Acrovyn® Colours · 100% Bacteriostatic · B-s2,d0 Fire rated · M1 Fire rated · Medium duty

SPECIFICATION TEXTS www.cs-france.fr/en/?p=401

SO50 | FAUX WOOD, BRUSHED METAL AND CARBON

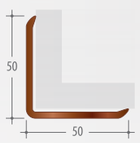
NEW

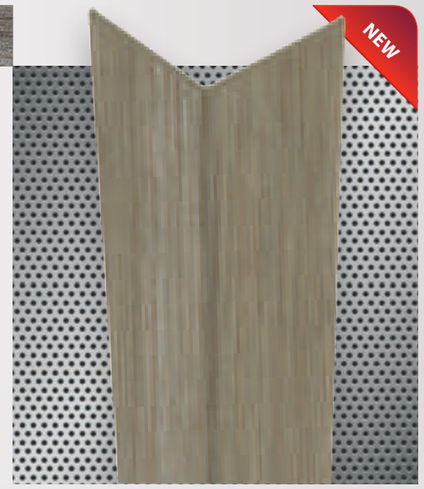
Natural looks, tough as nails CS Acrovyn®

- Can be installed with construction adhesive or factory applied self adhesive tape (optional)

3.000x50x50 mm

OPTIONS
- Factory applied self adhesive tape
- Top bevel cut





CHARACTERISTICS

Faux brushed Metal · Faux Carbon · Faux Wood · 100% Bacteriostatic · M1 Fire rated · Medium duty

SPECIFICATION TEXTS www.cs-france.fr/en/?p=401

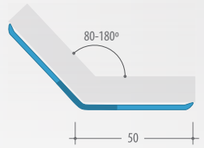
SO50V | ACROVYN®

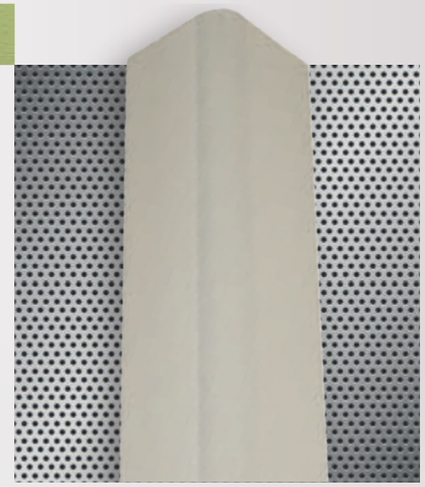
Reliable protection for non standard corners

- A co-extruded flexible centre allows this corner guard to adjust easily to any angle from 80 to 180°
- Can be installed with construction adhesive or factory applied self adhesive tape (optional)

3.000x50x50 mm

OPTIONS
- Factory applied self adhesive tape
- Top bevel cut





CHARACTERISTICS

40 Acrovyn® Colours · 100% Bacteriostatic · B-s2,d0 Fire rated · M1 Fire rated · Medium duty

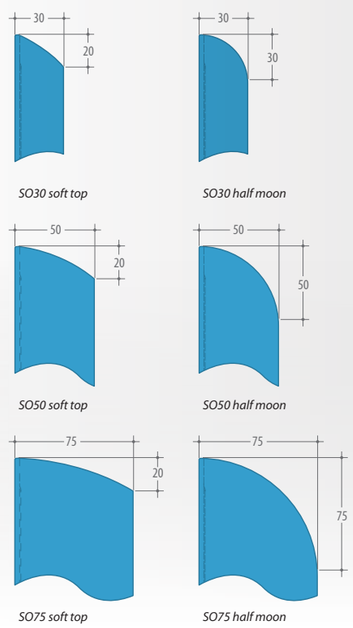
SPECIFICATION TEXTS www.cs-france.fr/en/?p=402

BEVEL CUT OPTION

NEW

Bevel option for the SO corner guard range

- All SO corner guards can be delivered upon request with one of our standard bevel cuts: half moon or soft top



SPECIFICATION TEXTS

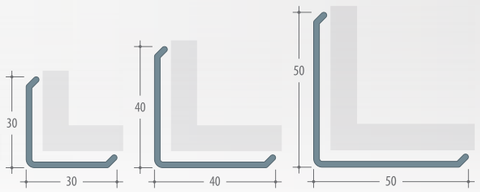
www.cs-france.fr/en/products/wall-protection/corner-guards/

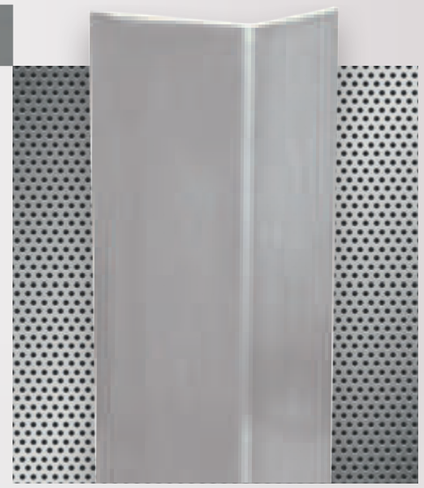
30A / 40A / 50A | STAINLESS STEEL

Food industry approved stainless steel corner guards

- 1 mm thick, food-approved, brushed stainless steel (304 L)
- Can be screw fastened or fixed with construction adhesive
- Available in three sizes to suit most common project requirements

3.000x30x30 mm
3.000x40x40 mm
3.000x50x50 mm





CHARACTERISTICS

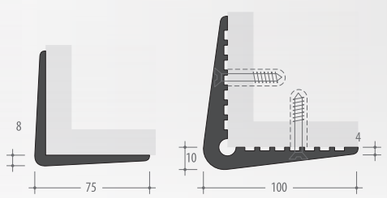
SPECIFICATION TEXTS *www.cs-france.fr/en/?p=403*

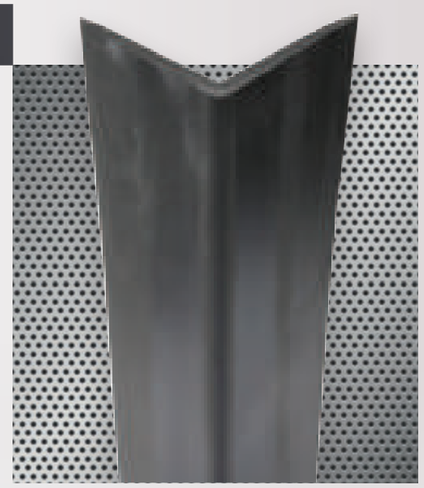
75C / 100C | EPDM RUBBER

Industrial grade EPDM rubber corner guards for indoor/ outdoor applications

- Industrial grade EPDM rubber corner guards, available in 75mm and 100mm sizes
- Can be screw fastened or fixed with neoprene adhesive

3.000x75x75 mm
3.000x100x100 mm





CHARACTERISTICS

SPECIFICATION TEXTS
75C: *www.cs-france.fr/en/?p=1225*
100C: *www.cs-france.fr/en/?p=1224*

UNIQUE FACTORY SERVICES **ONLY CS** WILL OFFER.

FACTORY CUTTING

We can deliver our products cut to custom lengths **to spare you on-site cutting** and allow for faster installations.

- Tolerances +/- 2 mm

EXTRUSION TO CUSTOM LENGTHS

Our extrusion lines at your service. We can extrude our products to lengths of your choice in order to minimise cutting waste.

Minimum order of 150 meters per product – 4-5 weeks delivery
Gross manufacturing tolerances (20 to 40 mm extra length).

PRE-ASSEMBLY

We do the assembly so you don't have to. We can deliver "ready to install" handrail assemblies to allow for speedy installations:

- Fast, clean and effortless installations
- No on-site cutting
- Fewer installation personnel needed

COUNT ON **TRUE EXPERTS** FOR YOUR PROJECTS.

A TRUE EXPERT ON YOUR SIDE

Our expertise at your service. All of our sales technicians have many years of practical experience and will accompany you on-site to advise on product choices and address all your technical questions.

YOUR PERSONAL SALES ENGINEER

One expert contact. A personally assigned sales technician with direct email and telephone contact will stand by your side to help you with product choices, technical questions and other nitty-gritty details of your project.

EXCLUSIVE FEATURES TO ASSIST WITH **PRODUCT CHOICE**.

SWATCHES AND SAMPLES

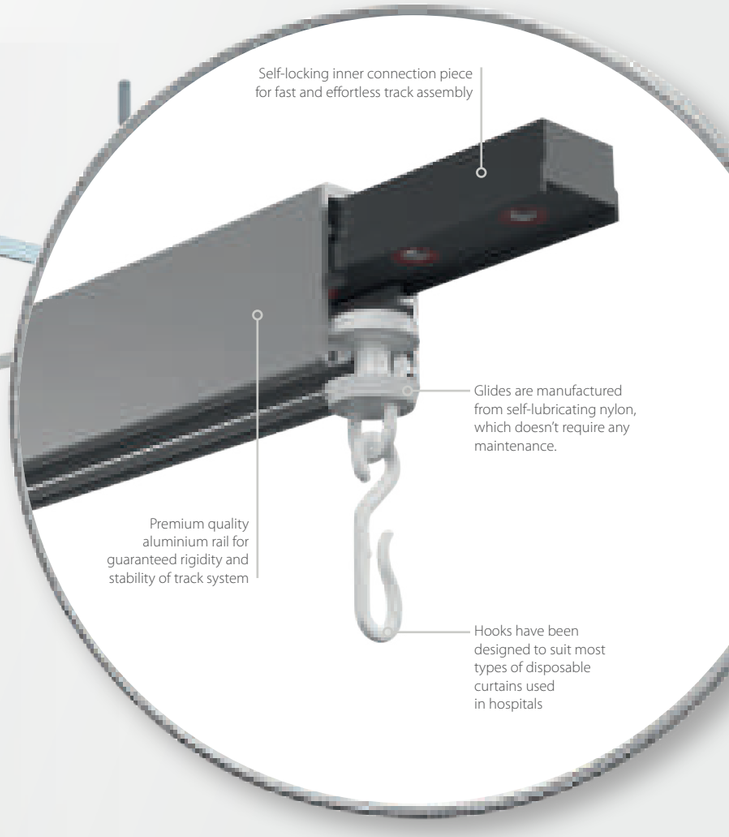
See the real thing before ordering. Your personal sales technician will gladly supply you with colour swatches and product samples to help you make the perfect choice.

SPECIFICATION TEXTS

Need help with specification? Detailed specification texts for all our products are available in paper format or via email from your personal sales technician or can be downloaded from our website.

COLOUR MATCHING SERVICE

What's the perfect match? Colour matching can be a science of its own. Our colourists happily share their professional experience to help you make the perfect choice.



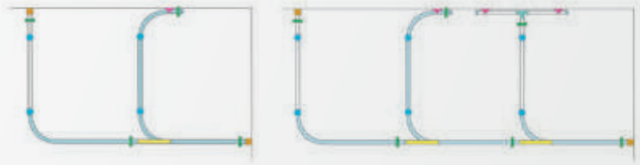
A cubicle track system for every type of application

Supertrak® Plus cubicle curtain systems provide an easy to install and cost-effective partitioning method in multi-bed hospital wards, which helps to offer privacy to patients and staff.

Supertrak® Plus is manufactured from high quality aluminium extrusion combining a totally rigid structure with the flexibility of configuration to meet individual requirements. It has been used in hospitals and health centres throughout the world for over 40 years.

Premium quality system modules for fast and effortless track assembly

> For a full guide to all system modules please request our catalogue.



One system for infinite configurations

> **What configuration do you need?** Supertrak® Plus is a set of highly flexible system modules which can be assembled to a multitude of configurations to suit your exact project requirements.

Powder coat finish to match your interiors

> The powder coat finish of the track is aesthetically pleasing and easy to clean. The system is offered in two standard colours (Window Grey 7040 and Signal White 9003). To suit project requirements it can also be ordered in any other RAL colour (subject to quantity).

Supertrak® Plus two bed layout in combination with a cheerful curtain pattern has been used for this intensive care twin room.

Supertrak® Plus cubicle tracks provide both privacy and unhindered access to the boxes of this emergency ward

Supertrak® Plus two bed layouts offer privacy to this examination area, still allowing freedom of movement of hospital equipment or unhindered cleaning.

A basic curtain rail allows for instant privacy to this highly frequented examination box.

A practical curtain track with a 90º bend separates the examination area of a Doctor's office.

Colour sample service

This document doesn't guarantee the true reproduction of colours and is meant for guidance purposes only. It is recommended to choose from real product samples.

Please contact our Customer Services Department or local distributor.

COLOUR RANGE, TEXTURED ▼

The most extensive range of vivid colours for mood-lifting environments

Our range of bright and saturated colours has been **updated with 12 new colours** and has become **the most extensive collection on the market**. They are ideal for **dynamic and mood-lifting** environments and help with providing guidance throughout the building.

- GOLDEN YELLOW 16
- LILAC 20
- AQUA BLUE 11
- ANISE 22
- NEW LEMON 1018 RAL
- NEW PLUM 4005 RAL
- COBALT BLUE 12
- NEW ZEST 34
- TANGERINE 17
- NEW PEONY 4003 RAL
- PACIFIC BLUE 112
- SPRING GREEN 23
- LEMON 1018 RAL
- OCHRE 15
- NEW QUETSCHE 32
- NEW YALE BLUE 129
- NEW KHAKI 7034 RAL
- FRENCH CREAM 101
- NEW PAPRIKA 30
- NEW POMEGRANATE 31
- NEW LAGOON 5018 RAL
- NEW OLIVE 33
- DOVE GREY 24
- NEW ORANGE 2008 RAL
- SPECTRUM RED 845
- TURQUOISE 6033 MINT RAL

Need a different colour?

Subject to minimum quantities we can produce your custom colours.

SMOOTH ▼

A smooth finish for maximum hygiene

Acrovyn® wall protection sheets with a smooth surface finish are available for applications where the **ease of cleaning and hygiene** are an absolute priority. Its cleaning efficiency has been **certified by the renowned Louis Pasteur Institute**.

- SNOW WHITE 9003 RAL

FAUX METAL

The looks of metal with the unique properties of CS Acrovyn®

Our Faux Metal collection has the **stylish appeal of real metal** but the warm touch and unique properties of Acrovyn® protecting from the rigours of day to day wear and tear.

- BRUSHED METAL 06
- NEW NICKEL 80
- CARBON 07

- SNOW WHITE 9003 RAL
- NEW MISSION WHITE 933
- CLOUD GREY 801
- NEW FELT 7044 RAL
- NEW IRON 7039 RAL

NEUTRAL TONES, TEXTURED ▼

Soothing, low contrast colours for peaceful environments

Inspired by nature itself, CS has created a **unique choice of soft, low contrast colours** for relaxing and peaceful environments where well-being and aesthetics are primary considerations.

- DOVE GREY 24
- NEW PLATINUM 7036 RAL
- EGGSHELL 100
- PEARL GREY 136
- MOLE 26
- FRENCH CREAM 101
- CHARCOAL GREY 162
- MOCHA 105
- NEW RAFFIA 1019 RAL
- NEW GRAPHITE 7024 RAL
- NEW EARTH 8019 RAL
- NEW CLAY 7006 RAL

ACROVYN® FAUX WOOD ▶

New contemporary wood finishes for comfortable living environments

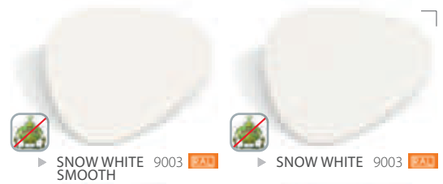
Includes **five brand new wood finishes** such as Wengue and four contemporary oak styles.

- BIRCH 01
- MAPLE 02
- BEECH 03
- NEW WENGUE 39
- NEW BLEACHED OAK 36
- NEW STEAMED OAK 37
- NEW SMOKED OAK 38
- NEW BURNED OAK 40

ACROVYN® BACTERICIDE ▶

Kills bacteria 100%

Acrovyn® Bactericide relentlessly **kills bacteria settled on its surface** helping to combat nosocomial infections. Ideal for wall and handrail applications in health environments.



- SNOW WHITE 9003 RAL SMOOTH
- SNOW WHITE 9003 RAL
- EGGSHELL 100
- FRENCH CREAM 101
- DOVE GREY 24
- AQUA BLUE 11

Acrovyn®

WALL, CORNER AND DOOR PROTECTION

ARCHITECTURAL **SOLUTIONS** WORLDWIDE

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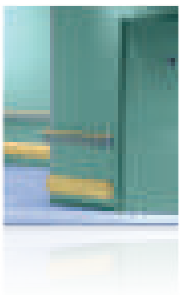

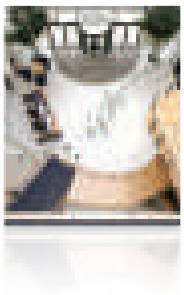

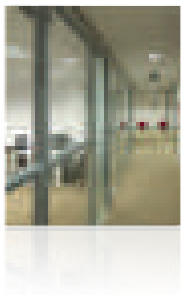
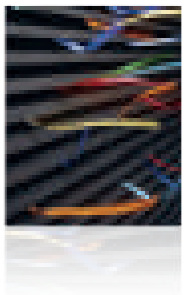

Acrovyn®	Couvraneuf®	Pedisystems®	Airfoil®	Dexpale®	Elimax®	Louvers®
WALL, CORNER AND DOOR PROTECTION	EXPANSION JOINT COVER SYSTEMS	ENTRANCE FLOORING SYSTEMS	SUN CONTROL AND SHADING SYSTEMS	DISPLAY PANELS FOR LIGHTING PRODUCTS	DEMOUNTABLE PARTITIONS	LOUVERS AND VENTILATION GRILLES

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France

135, Rue Edouard Isambard | B.P. 66 | 27120 PACY/EURE | FRANCE
+33 2 32 67 00 00
+33 2 32 67 14 12
information@c-sgroup.com
www.cs-france.fr/en