



catalogue Index

Wall protection sheets

> CS Acrovyn® and
CS Acrovyn® 4000

PAGE **08**
CS ACROVYN® 4000
1 MM AND 1.5 MM

PAGE **12**
CS ACROVYN® FAUX
WOOD AND METAL 2MM

PAGE **14**
CS ACROVYN® SMOOTH
2MM AND INOX 304L 10/10

> CS Acrovyn® Bactericide

PAGE **20**
CS ACROVYN®
BACTERICIDE

> CS Acrovyn by Design®

PAGE **24**
CS ACROVYN
BY DESIGN®

> Door protection

PAGE **28**
DOOR
PROTECTION

Wall protection profiles

> Crash rails in EPDM rubber

PAGE **34**
CRASH RAILS IN
EPDM RUBBER

> Crash rails in CS Acrovyn®
and Inox 304L 10/10

PAGE **38**
CRASH RAILS ACROVYN
AND INOX 304L 10/10

> Handrails

PAGE **44**
HANDRAILS

> Corner guards

PAGE **48**
CORNER
GUARDS



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 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.



PROTECTIONS MURALES ET MAINS COURANTES



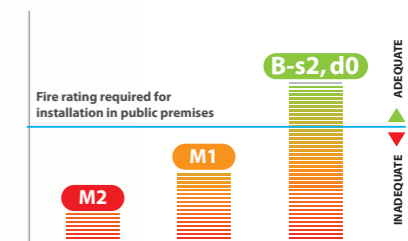
Greener and stronger

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 areas in public buildings and require a B-s2, d0 certification instead. Acrovyn® is non-flammable and fully B-s2, d0 certified.



CE labelling

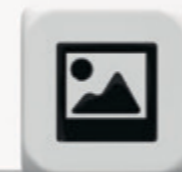
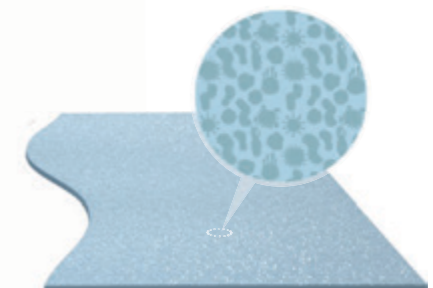
Acrovyn® is manufactured in France and meets all European Community requirements. A unique identification labelling allows for the traceability of all our products. All our test reports are available on request.

CE	
CS France 135, rue Edouard Lombard - BP66 F-27120 PACY-SUR-EURE	
High impact wall coverings	
Fire rating	B-s2,d0
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	



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.



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.



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.



Acrovyn® 4000

Environmentally friendly and stronger than ever before

WITHOUT
PVC



Unbeatable protection for your walls, gentle for the environment



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.



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

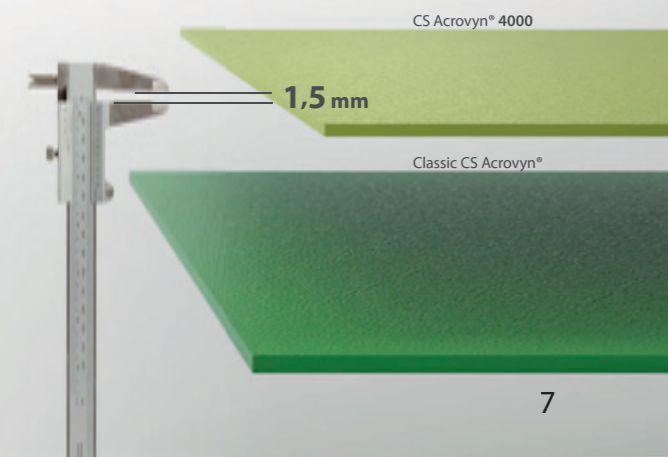
> As Acrovyn® 4000 is lighter and thinner, it requires less energy for manufacturing and transport and lowers its carbon footprint by an impressive 25%.



Thinner, stronger and with a new texture

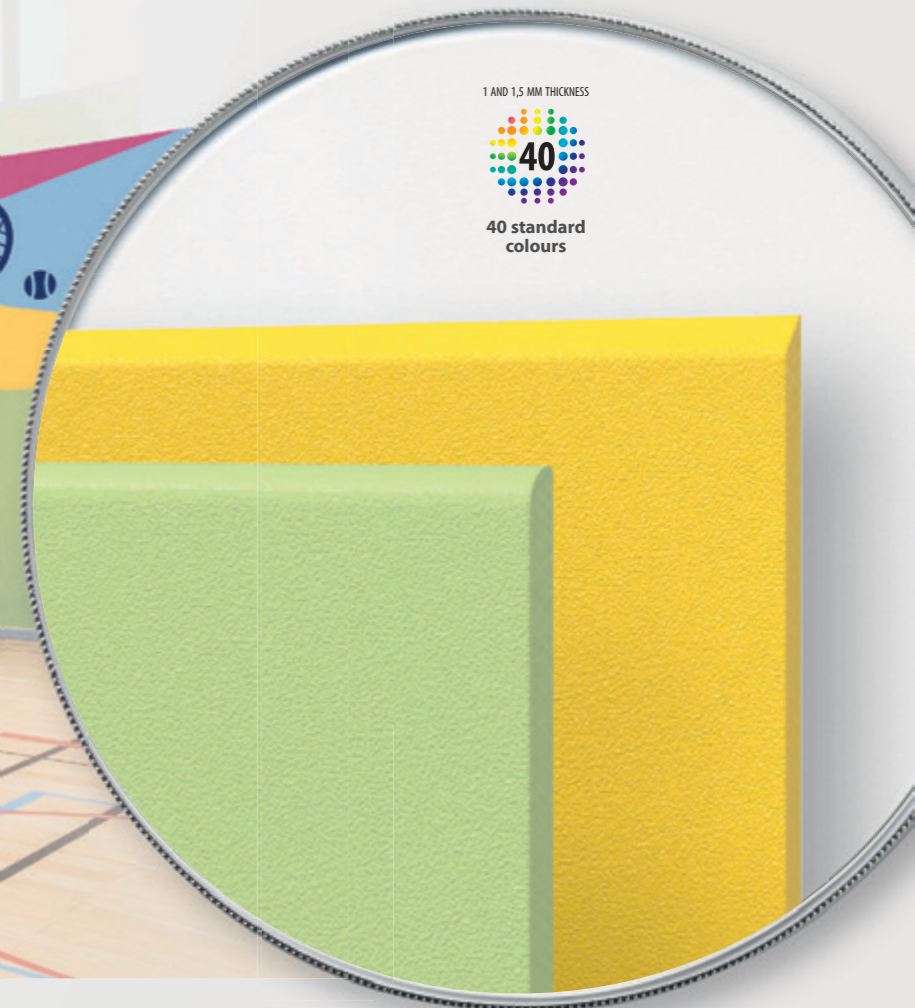
> Even though Acrovyn® 4000 is 0,5 mm thinner than classic Acrovyn® it doesn't compromise on strength, becoming the lightest but most resistant wall protection on the market.

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



Your decorate, CS Acrovyn protects

The toughest wall protection on the market is now available in 40 vibrant standard colours to give free rein to your creativity. Another exclusive feature of Acrovyn® 4000 is its brand new, finely grained suede texture and its unique formula without PVC, PBTs or halogens to satisfy even the most health conscious requirements.



- 1 | Full height Acrovyn® 4000 protection sheets
- 2 | Collage of custom cut Acrovyn® sheets
- 3 | Corner guard SM20

Suggested application



When it comes to wall protection, place your bets on the champion

> **Test results prove it.** Acrovyn® wall protection sheets were tested for impact resistance using the Gardner Impact Testing method and proved to be far stronger than other, competing wall protection sheets.

So when it comes to protecting your walls reliably, don't take any chances and rely only on Acrovyn's outstanding –and certified– resistance.

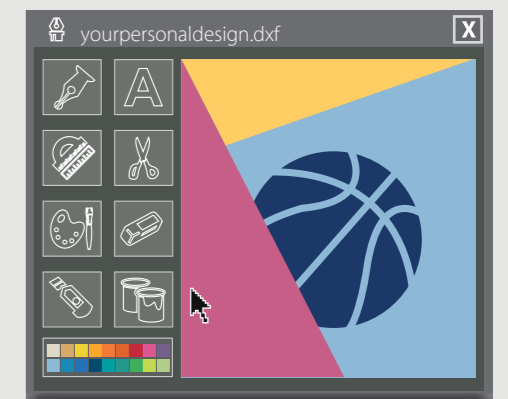


40 standard colours



If you can imagine it we can also manufacture it

> Thanks to our advanced computer cutting technology we can manufacture even complex creations in all our 40 standard colours. The assembly is invisible to the naked eye and once installed on the wall will offer the same protection as entire Acrovyn® sheets. For projects that require photographic images we offer Acrovyn by Design®, the next generation of digital print and protection. See page 26. For help with creating your custom designs please contact our Customer Service Team.



Greener, safer, stronger

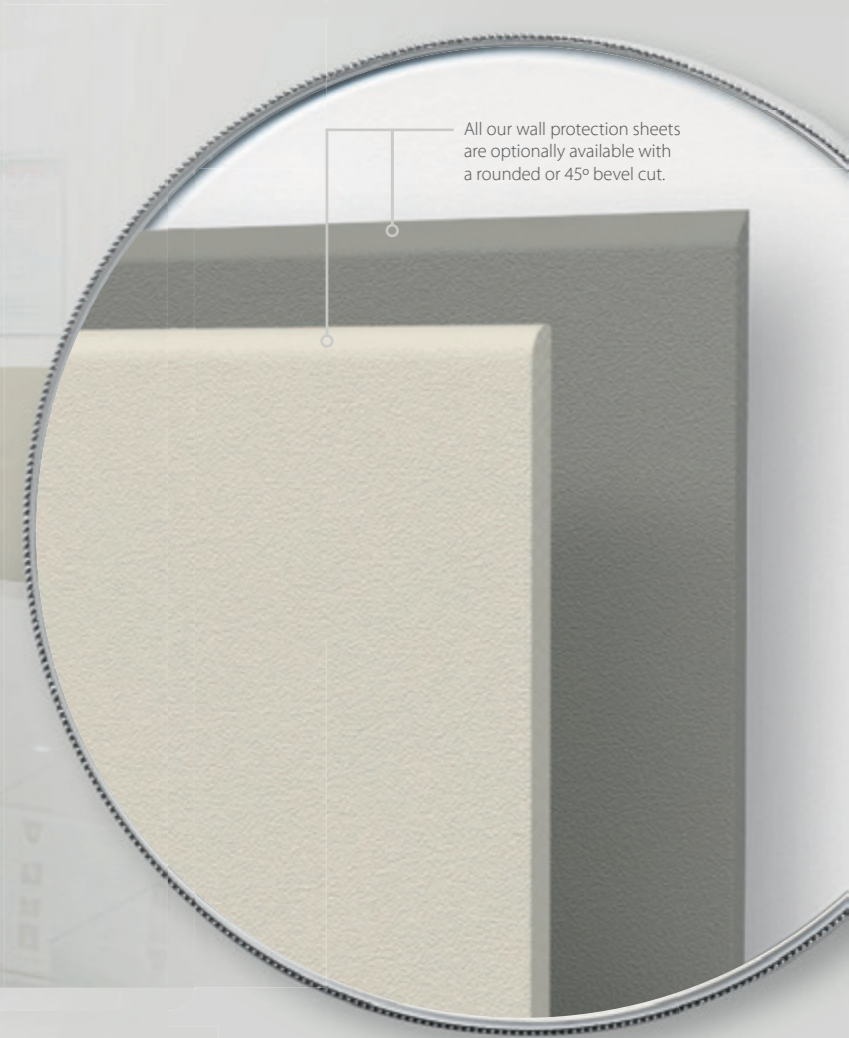
Acrovyn 4000 wins hands down over competitors in resistance, safety and environmental considerations.

An outstanding B-s2,d0 fire rating, an unrivalled impact resistance and a green and clean composition make Acrovyn® 4000 the wall protection of choice for public premises.



- 1 Half-height Acrovyn® 4000 1,5 mm wall protection
- 2 Column protection with thermoformed Acrovyn® 4000 1,5 mm sheets

Suggested application



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

Acrovyn is the better, safer choice, here's why

Others



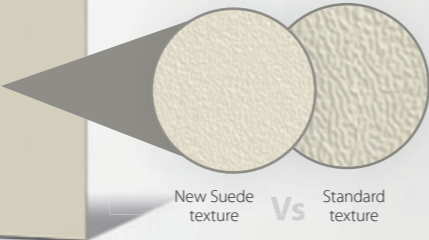
Characteristics			
✗ NO	B-s2,d0	YES	✓
✗ NO	CE labelled	YES	✓
✗ NO	PVC-free	YES	✓
✗ NO	without PBT, PBA nor halogens	YES	✓
✗ NO	- 25% carbon footprint	YES	✓
✗ NO	40 standard colours	YES	✓
✗ NO	all products available in all colours	YES	✓

Acrovyn® 4000



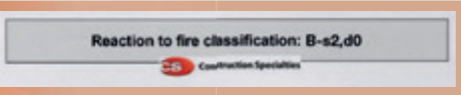
New suede texture

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



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

> 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.

Enhances and protects high traffic areas

From sumptuous to budget, hotels are always busy venues with guest, luggage and trolley movements throughout the building taking its toll.

Decorative Acrovyn Faux Wood protections create a warm, friendly and inviting atmosphere while preserving its brand new look for years to come.



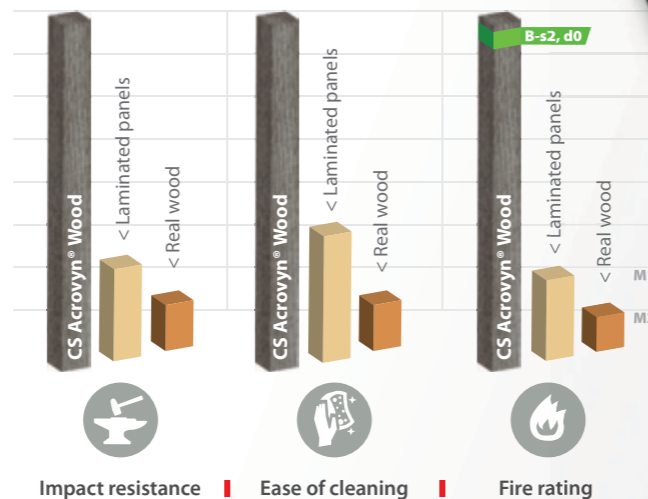
1 Acrovyn® Faux Wood protection sheets

Suggested application



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 29.



Impact resistance

Ease of cleaning

Fire rating

8 Wood textures

3 Metal textures

1250 x 3000 x 2 mm

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® backer material.

Resist almost everything except easy cleaning

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

Engineered to resist intense wear and tear 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.

- 1 | Smooth Acrovyn® sheets
- 2 | Thermoformed, full height column protection
- 3 | 1 mm stainless steel

Suggested application



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.



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.

Available in 5 colours



Factory applied adhesive

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

> Mounting instructions



304 L food approved stainless steel sheets

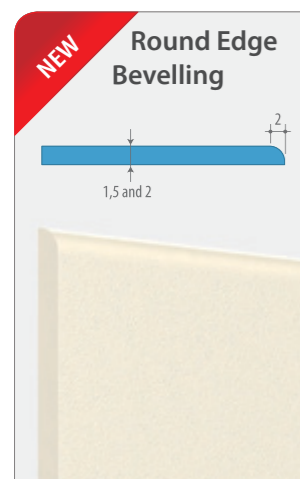
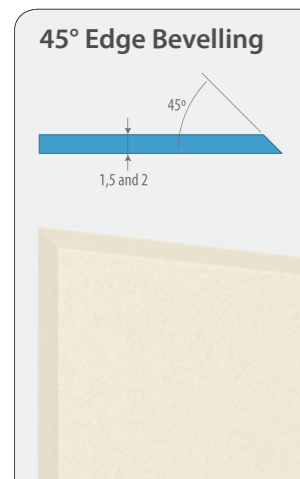
Our 1 mm thick stainless steel sheets are manufactured from 304 L food industry approved stainless steel to comply with even the most demanding building norms and health regulations.

304L





Finishing accessories for wall protection sheets



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.



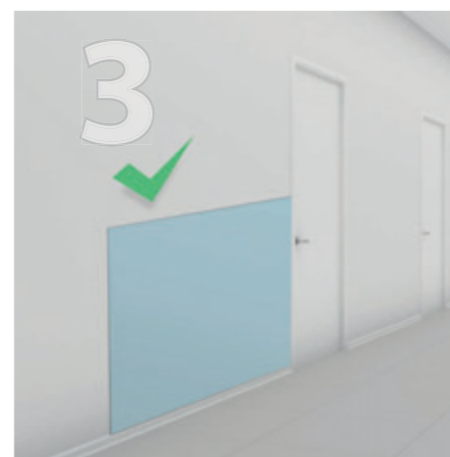
Fast installations, perfect results in minutes.



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



Glue CS4000
Water based adhesive
3 pouches of 7 kg
Coverage : 0,085 to 0,3 kg/m²



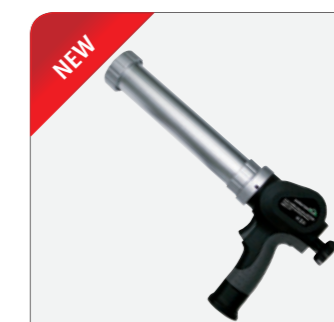
Spreader n°1- A2
One spatula per 150 m²



Dry contact adhesive 85
Rolls, 50 m length



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



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



Durospray DS 525 SRM
17,25 kg (22l), applied with spray gun.
Average consumption 150 g/m², suitable for humid environments



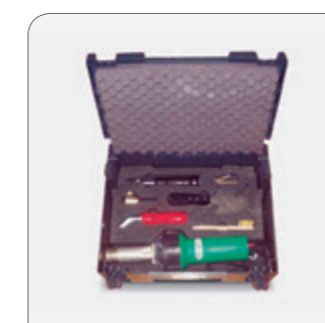
Spray gun Durospray
Spray gun kit with 4 m hose



Pressure roller
with two grips



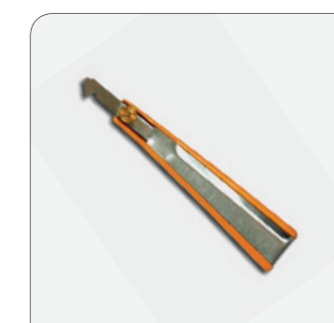
Paint remover AGS 560
500 ml Spray



Welding equipment
Complete kit



Welding rod
• For sheet thickness of 2 mm
• Roll 100 m length
• 40 Acrovyn® colours available



Craft knife
for Acrovyn® sheets



Coloured silicone
• 300 ml Cartridge
• 40 colours available
• 1 cartridge/20 lm

Full height Acrovyn sheets safeguard the brand new look of walls in this budget hotel room and minimise maintenance costs.

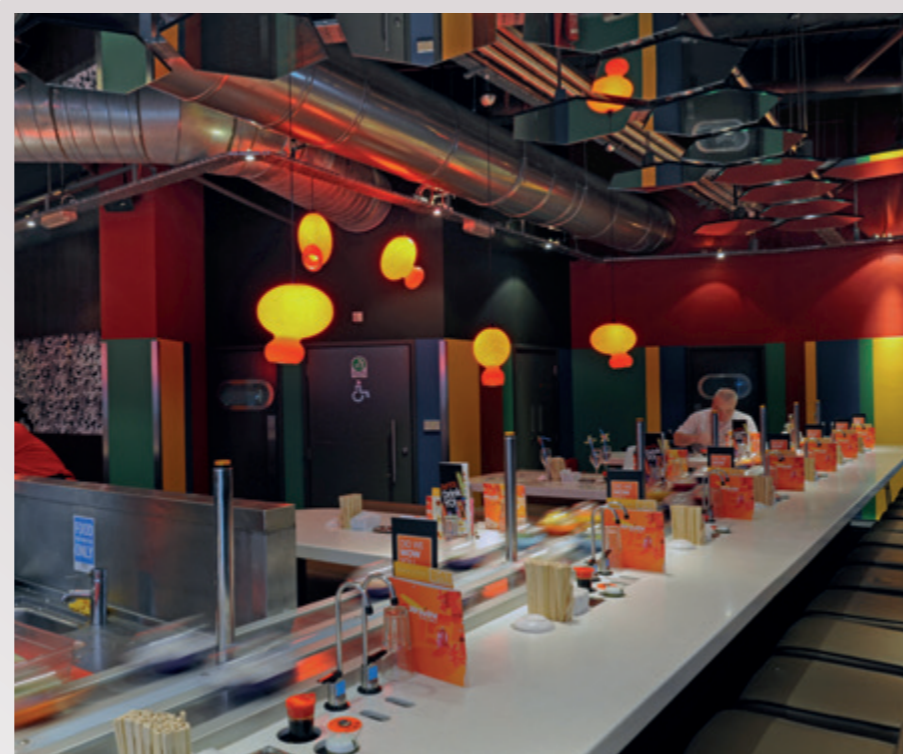


Tough wearing Acrovyn® sheets are extremely easy to clean and keep the walls of this kindergarten classroom in spotless conditions



Acrovyn® and Acrovyn® by Design afford colour, decoration and reliable wall protection to this supermarket store.

A discerning combination of Acrovyn® colour sheets in different widths form part of the compelling interior design of a Sushi restaurant.



For fast food restaurants, Acrovyn® sheets are the ideal solution for both protecting the walls from getting worn and speeding up daily cleaning operations.





- 1 | Smooth Acrovyn[®] Bactericide wall protection cladding
- 2 | Thermo-welded joints for maximum hygiene

Suggested application

The only bactericidal wall protection system on the market

To combat the risks of bacterial and fungal contamination, CS invented Acrovyn[®] Bactericide, a new and unique standard in hygiene. It is the only wall protection capable to prevent any proliferation by relentlessly destroying strains in less than 24h.

Certified with the ISO norm 22196, Acrovyn[®] Bactericide is the ideal solution for areas where hygiene cannot be compromised.

Killing bacteria by "touch"

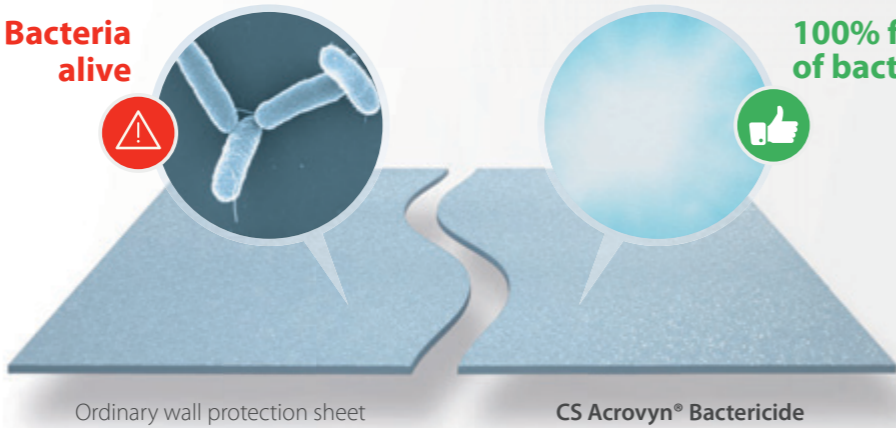
> All bacteria settled on the surface of Acrovyn[®] Bactericide are killed within a maximum time span of 24 hours. This bactericide effect is completely safe to humans but relentless on bacteria, guaranteeing unsurpassed hygienic conditions.



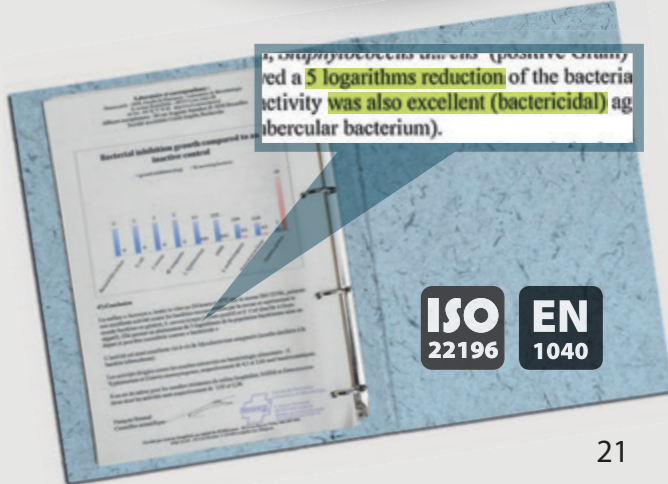
Bactericide has only one meaning: no bacteria

> A plastic surface can only be called bactericide if 100% of 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 wall protection on the market certified to be bactericide.



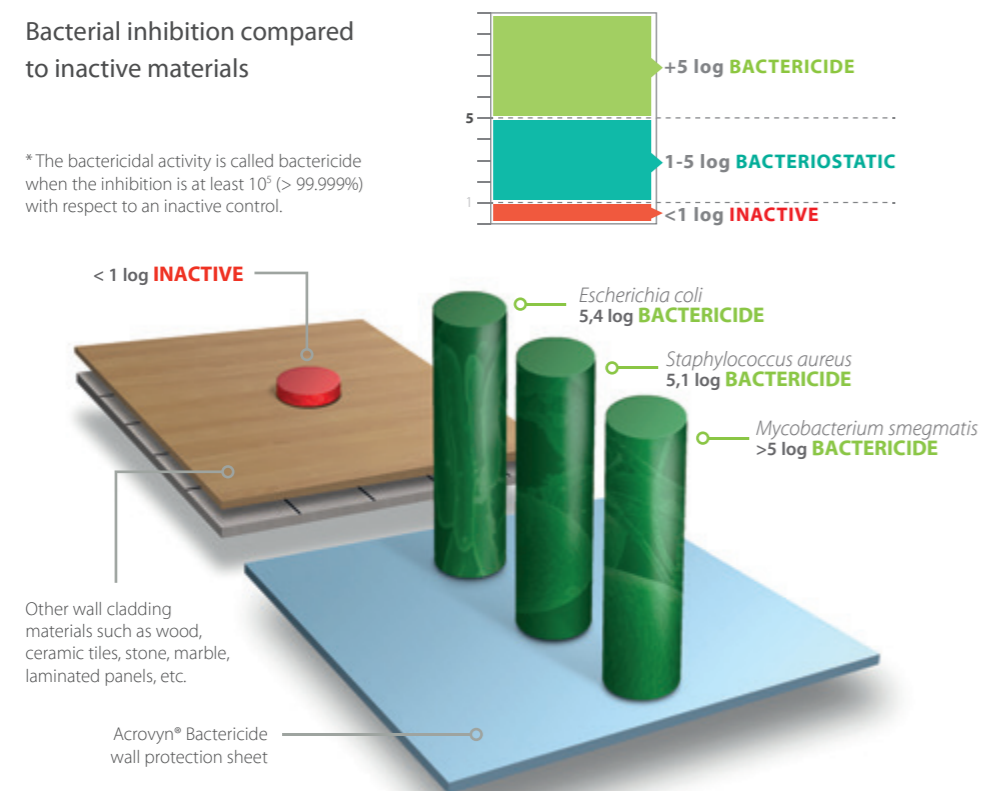
Wall cladding material	Bacteria free ?	Activity
Stone - granite - marble	NO	inactive
Ceramic tiles	NO	inactive
Vinyl covering	NO	inactive
Stainless steel	NO	very little active
Fibre glass	NO	inactive
Laminated panels	NO	very little active
Wood	NO	inactive
Ordinary PVC sheet	NO	bactériostatic
Acrovyn [®] Bactericide	YES	bactericide



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 10⁵ (> 99.999%) with respect to an inactive control.



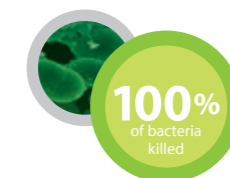
Tested on 7 of the most common hospital and food bacteria

Escherichia Coli



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

Staphylococcus aureus



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

Mycobacterium smegmatis



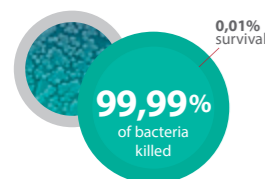
Activity in log: >5 log
Inhibition: 100%
Survival: 0%
Classification: **Bactericidal**

SARM



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

Salmonella Enteridis



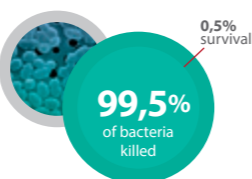
Activity in log: 4,1 log
Inhibition: 99,99%
Survival: 0,01%
Classification: **Bacteriostatic**

Listeria monocytogenes



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

Enterococcus sp.



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



Smooth Acrovyn® Bactericide makes this kitchen wall easy to clean and keeps it bacteria-free.

Meat storage chamber is lined with Acrovyn® Bactericide for exceptional hygienic conditions.



Full height Acrovyn® Bactericide wall cladding for a bacteria-free laboratory environment.

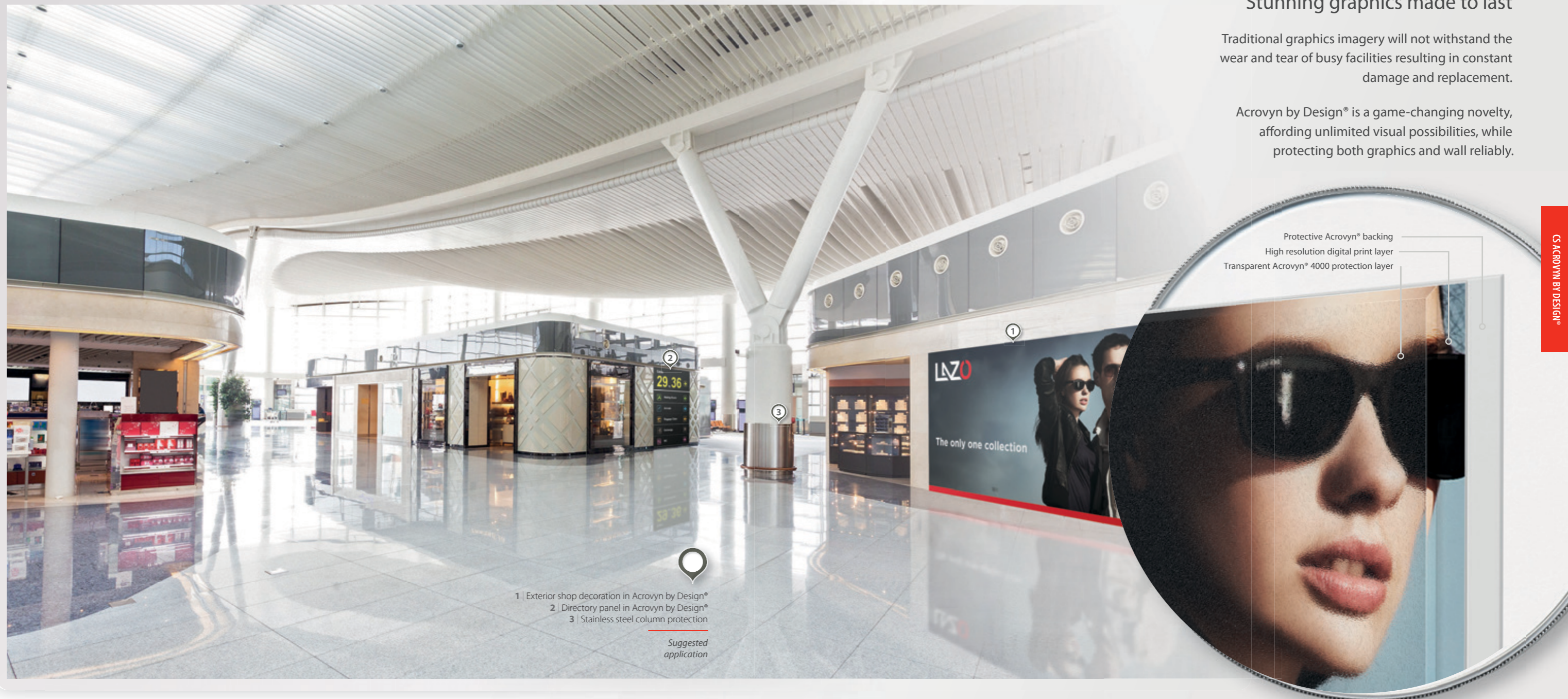
Acrovyn® Bactericide wall protection sheets guarantee unsurpassed hygiene for this food refrigerator chamber.



Stunning graphics made to last

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.



Creative space for conveying your message

> 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



> Publicity



> Photography



> Decoration / Textures



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.

1 mm transparent
Acrovyn® 4000 protection layer

0,2 mm high resolution
digital print layer

0,3 mm protective Acrovyn® backing



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.

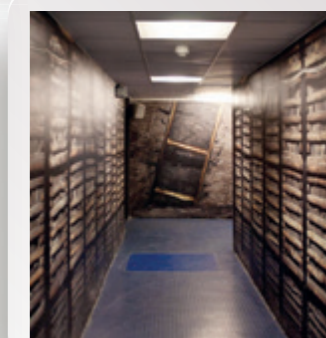


← An urban motive in Acrovyn® by Design decorates and protects the rear wall of a popular cocktail bar.

↓ Constant use of blunt objects quickly degraded walls of this gym. Acrovyn by Design® panels helped to not only protect walls durably but also spread a stimulating message and adding visual depth to the interior.



↓ Large Acrovyn by Design® panels tell a story of victory or defeat at this stadium while protecting the walls and the image itself.



↑ In this soccer stadium, the athletes' access corridor are protected and visually enhanced with Acrovyn by Design®.



CS Acrovyn® Doors look great where others fail

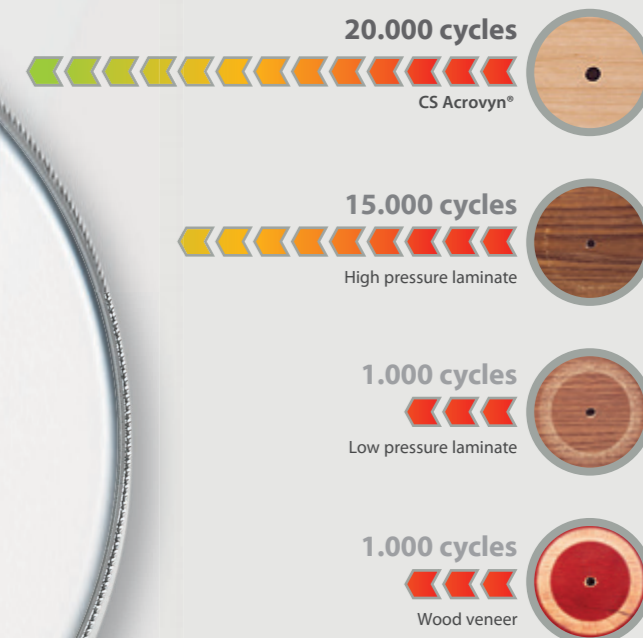
Wood veneer and high pressure laminate just can't handle the same abuse as durable Acrovyn®. Acrovyn® Doors have withstood abuse in tens of thousands of premises worldwide, saving time and money in maintenance and costly repairs.

But protection is only part of the story. Acrovyn®-protected doors stand out for their design, adding colour and style to your premises thanks to our extensive colour range and infinite design possibilities.



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.



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.

Lifecycle costs



1 | Dual colour door protection with custom design
2 | Corner guards SM20
Suggested application

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.

Why protect your doors with CS Acrovyn®?

Appearance

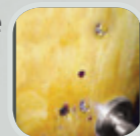
Doors without protection ❌



Insufficiently protected doors rapidly lose their appearance showing scratches and other signs of deterioration.

Maintenance

Doors without protection ❌



Dents in the door face are very costly to repair and sometimes a complete door replacement is required.

Hygiene

Doors without protection ❌



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.

> 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.

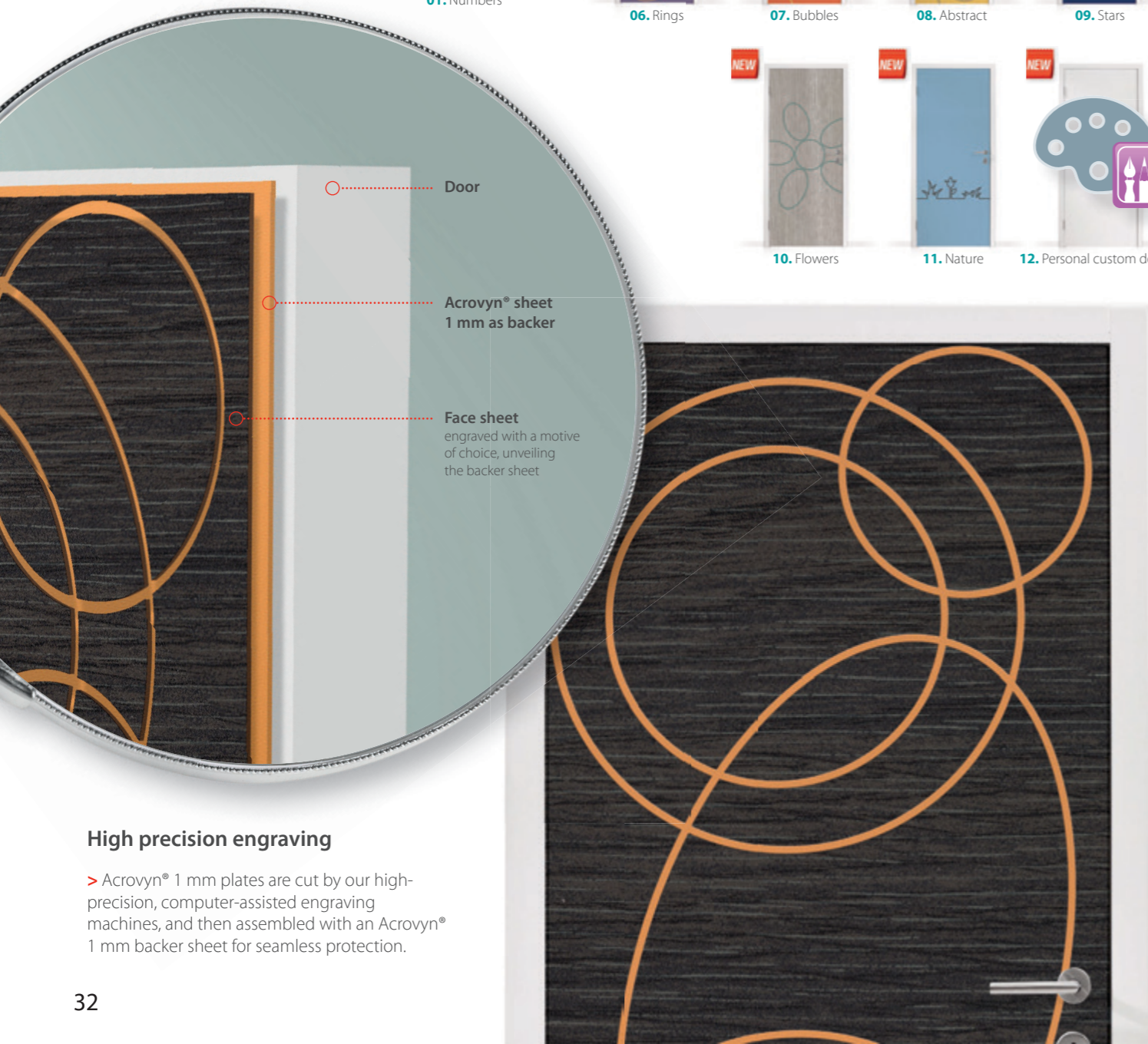
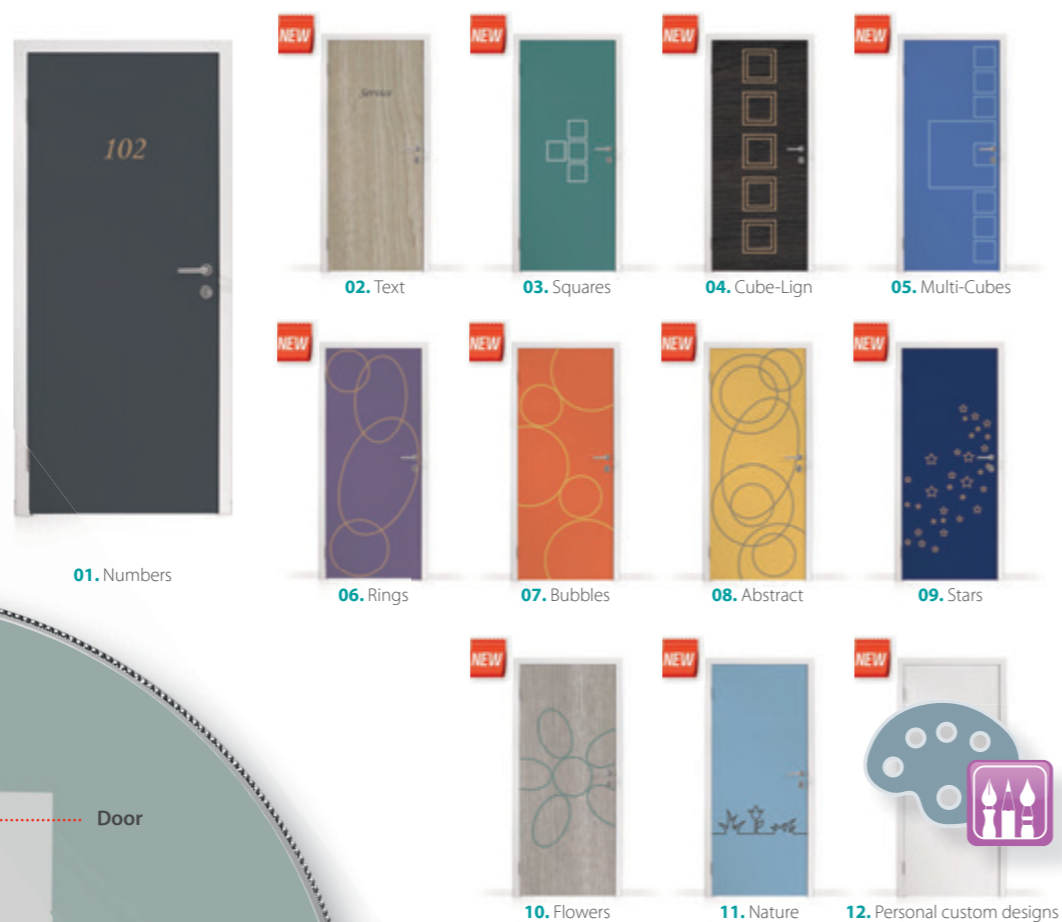
> Partial decorative door cladding (2 colours)

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



> An infinity of possibilities

Freely combine two of our 51 Acrovyn® colours and textures with either one of our standard patterns or your own motif and create a unique door face design that will stand out through its originality and creative spirit.



High precision engraving

> Acrovyn® 1 mm plates are cut by our high-precision, computer-assisted engraving machines, and then assembled with an Acrovyn® 1 mm backer sheet for seamless protection.

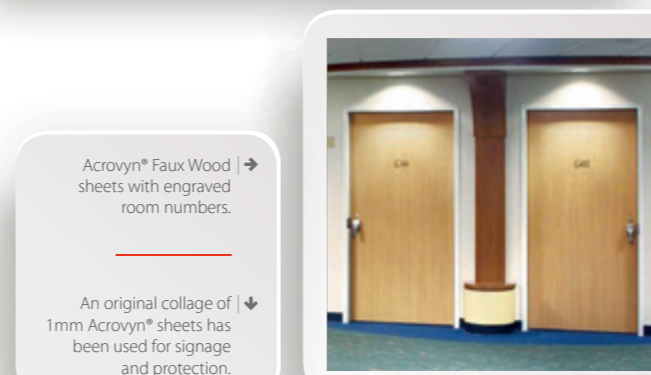


← Acrovyn® 4000 sheets in matching colours protect discreetly the lower part of these colleague doors.

↓ Door handle plates and lower kick plates with a wave pattern protect the doors of classrooms.

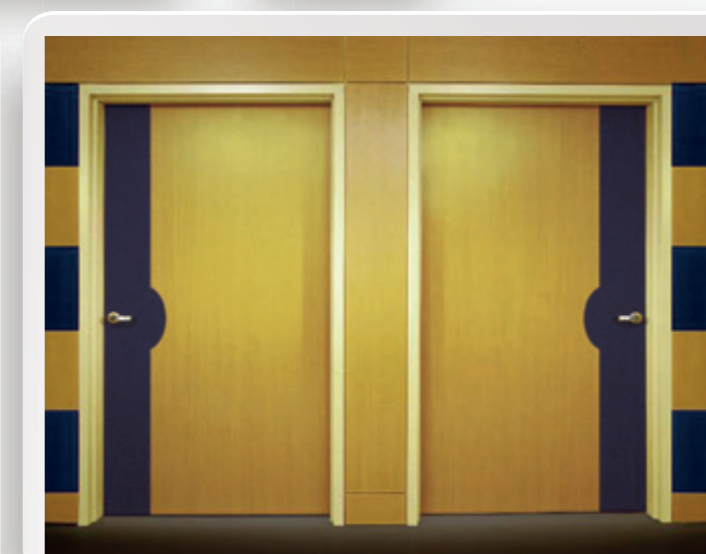


↓ Custom design push plates protect the doors of this conference centre..



→ Acrovyn® Faux Wood sheets with engraved room numbers.

An original collage of 1mm Acrovyn® sheets has been used for signage and protection.

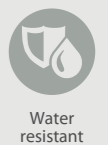
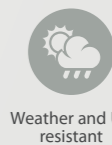




Industrial grade protection and security without compromises

Acrovyn® EPDM rubber profiles have excellent shock absorbing and weather resistant qualities. They are the ideal wall protection solution for back-of-house and delivery areas liable to damage from vehicular traffic, trolleys and carts.

- 1 | Crash rail 200W50 with light-reflective insert
 - 2 | Protection d'angle 100C
- Suggested application*

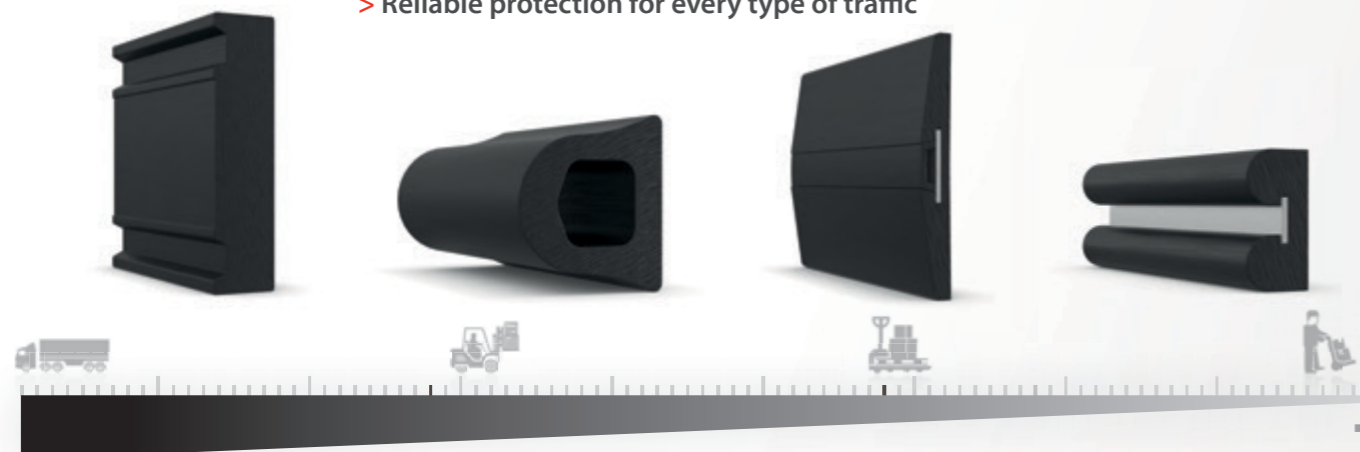


Recessed screw channels allow for screw fixing to ensure reliable and longlasting protection

The slightly recessed central part admits light reflective inserts (optional), for improved safety signage.

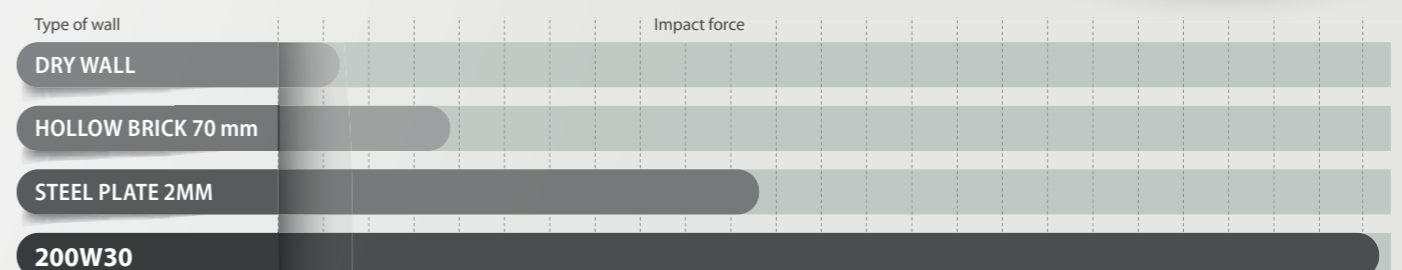
EPDM RUBBER

> Reliable protection for every type of traffic



Absorb heavy blows much better than other materials

> **The ideal solution for warehouses and logistic centres.** Acrovyn® EPDM rubber crash rails are capable of absorbing even the most violent impacts protecting your walls, shelves or freight like no other.

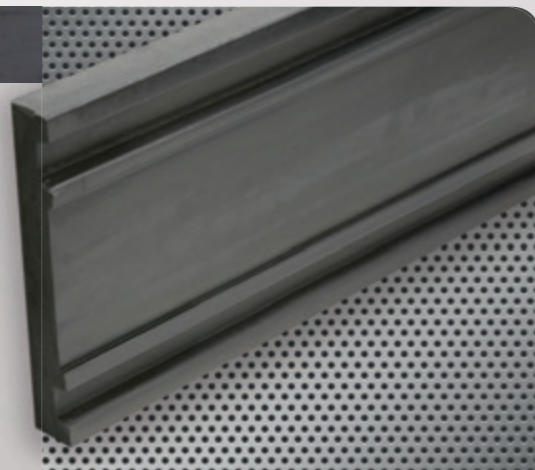


Comparison of maximum impact force with no visible damage

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



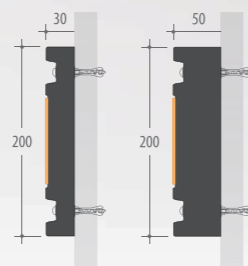
3.000x200x50 mm
3.000x200x30 mm

CHARACTERISTICS



ACCESSORIES

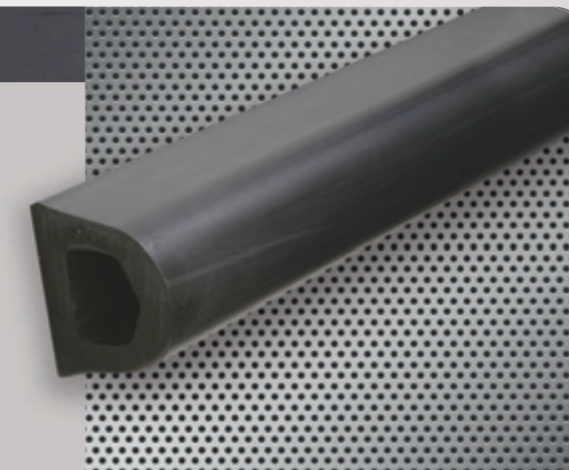
- Light reflective, self adhesive tape inserts



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



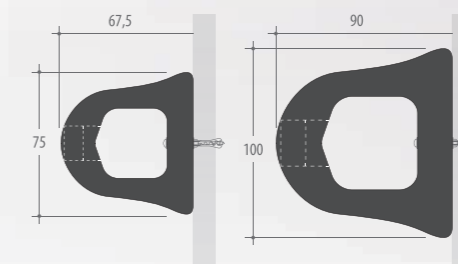
3.000x100x90 mm
3.000x75x67,5 mm

CHARACTERISTICS



ACCESSORIES

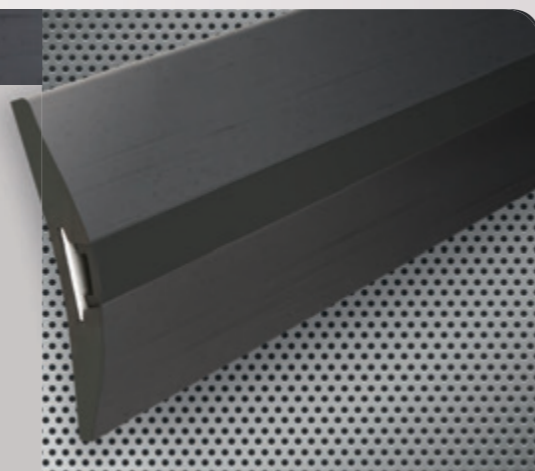
- Rubber end plugs
- Bolt bung covers



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

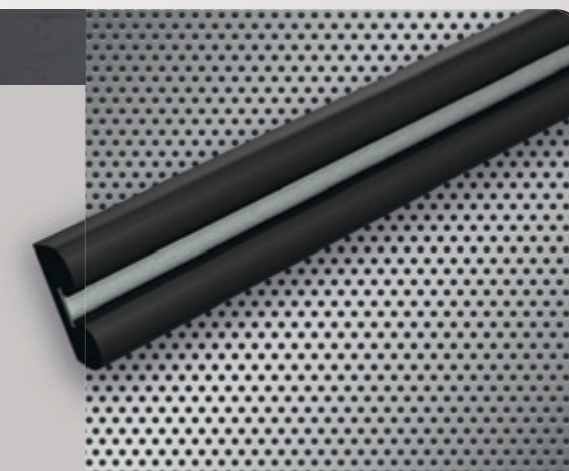
CHARACTERISTICS



60B | EPDM RUBBER

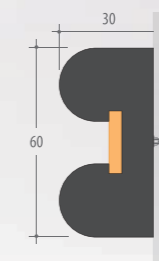
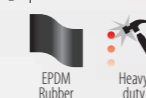
Discreet B-section rubber guard for indoor and outdoor applications

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



3.000x60x30 mm

CHARACTERISTICS



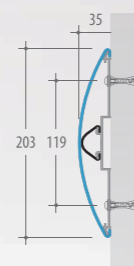
SCR80 | ACROVYN®

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

CHARACTERISTICS



ACCESSORIES

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

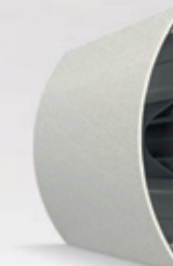
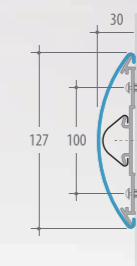
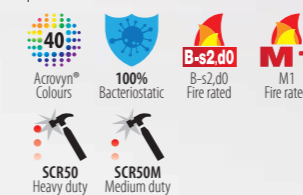
SCR50 | ACROVYN®

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 top of the range impact protection

4.000x127x27 mm

CHARACTERISTICS



ACCESSORIES

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

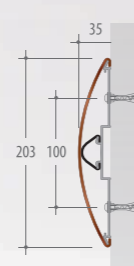
SCR80 | FAUX WOOD, BRUSHED METAL AND CARBON

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

CHARACTERISTICS



ACCESSORIES

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

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

CHARACTERISTICS



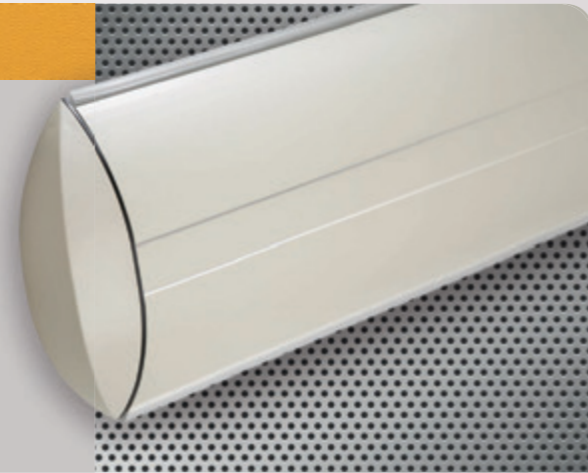
ACCESSORIES

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

ARONDE170 | ACROVYN[®]

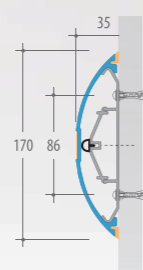
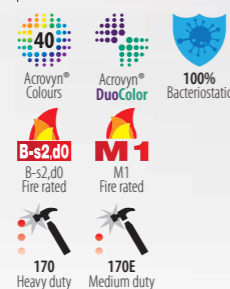
Engineered for highly demanding applications but with design versatility in mind

- 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



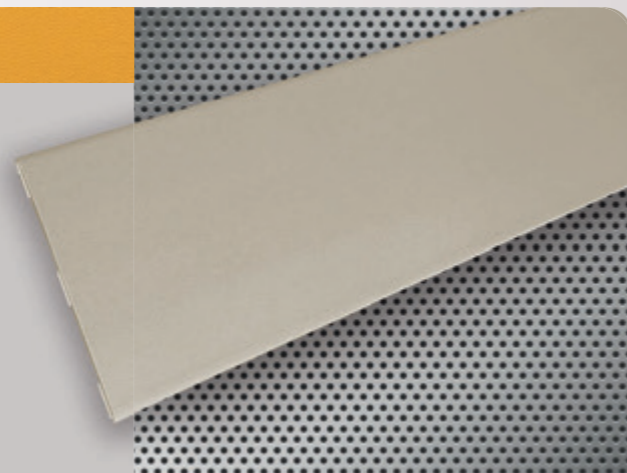
ACCESSORIES

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

TP100-150-200-300 | ACROVYN[®]

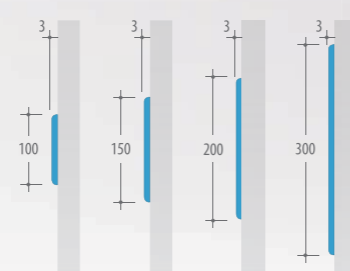
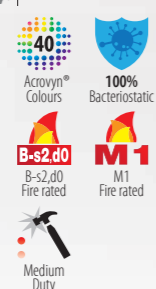
Light duty rub rails maximise corridor space while offering reliable impact and scratch resistance

- 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



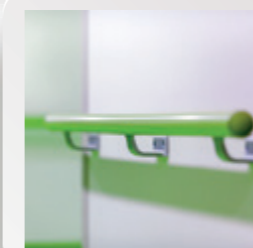
ACCESSORIES

- Preformed internal and external corners
- Optional adhesive strips



Public community center equipped with Classic Form 40 handrail.

Lift area of large department store protected with SCR80 crash rails and Acrovyn[®] 4000 wall protection sheets.



Corridor of a nursery school protected with SCR80 crash rails and SM20 corner guards.

The handrail MCE40/45 in Acrovyn Bactericide[®] afford hygiene and safety to school premises.



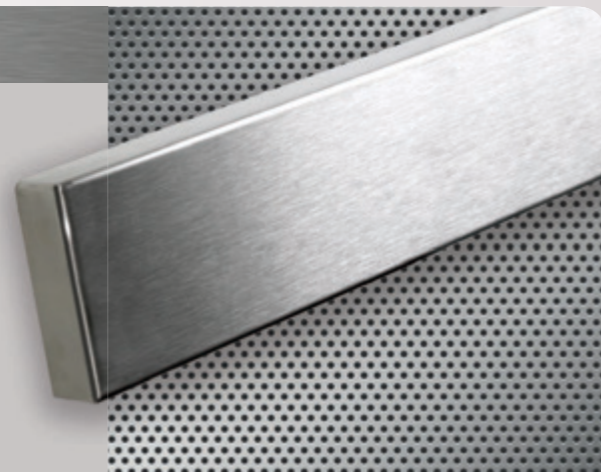
75D EPDM rubber crash rails prevent damage to goods and walls in the warehouse entrance of a hotel.



CRS100-150-200 | STAINLESS STEEL

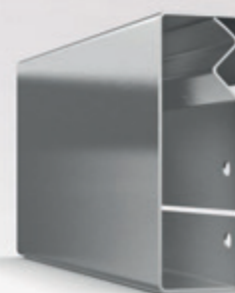
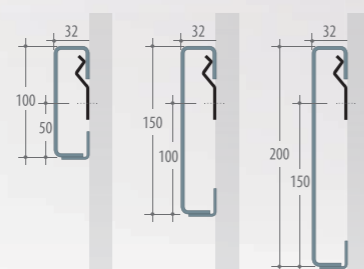
Heavy duty stainless steel crash rail suitable for ultra-clean environments

- 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



ACCESSORIES

- Closed welded end caps

PP76 | STAINLESS STEEL

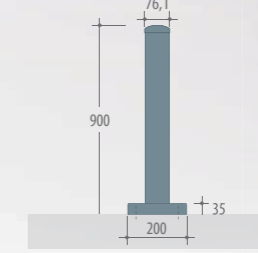
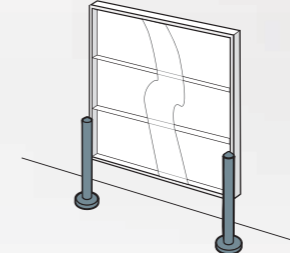
Stainless steel post designed to protect features, corners and doors

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



900x200 mm, Ø 76 mm

CHARACTERISTICS



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



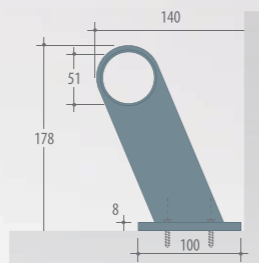
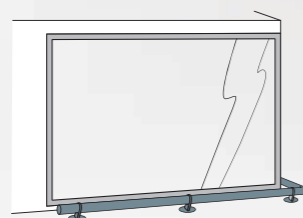
CHARACTERISTICS



3.000x51x51 mm

ACCESSORIES

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



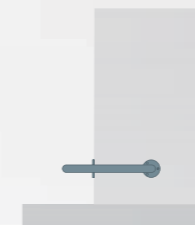
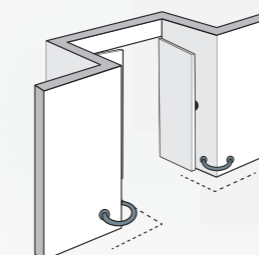
CORNER PROTECTION | STAINLESS STEEL

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



R 275 mm, Ø 50 mm



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)



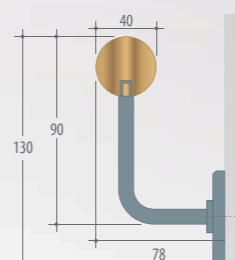
2.000x40x40 mm

CHARACTERISTICS



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**



MCE40/45 | ACROVYN® BACTERICIDE

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)

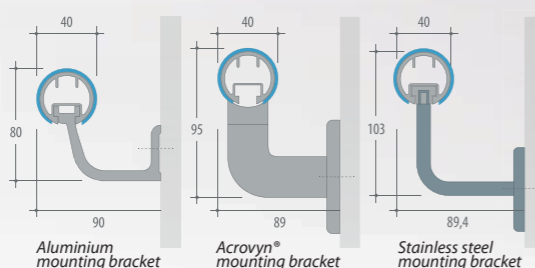
CHARACTERISTICS



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**



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)

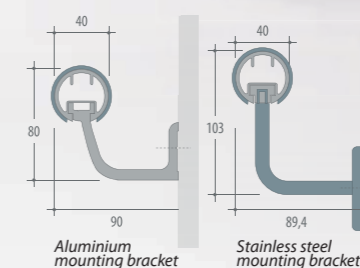
CHARACTERISTICS



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**

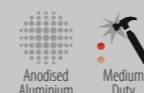


MCE 40/45 | ALUMINIUM

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

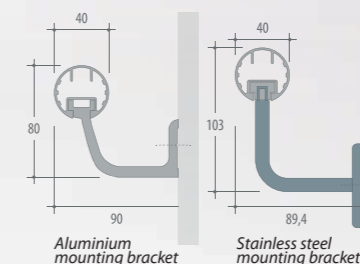
CHARACTERISTICS



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



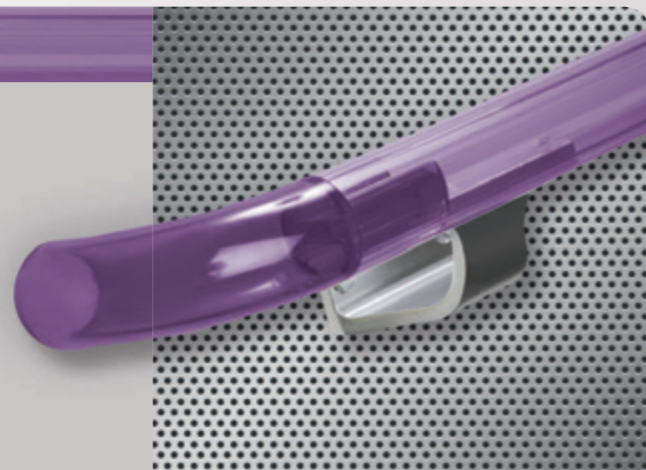
FOR MORE INFORMATION ON MOUNTING BRACKETS PLEASE SEE **page 68**



VISION | TRANSPARENT POLYCARBONATE

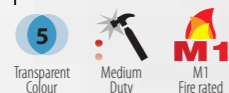
Futuristic transparent looks with all the features of a top grade handrail

- 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



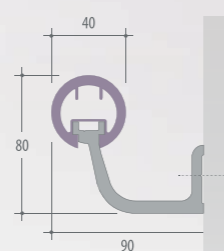
4.000x40x40 mm

CHARACTERISTICS



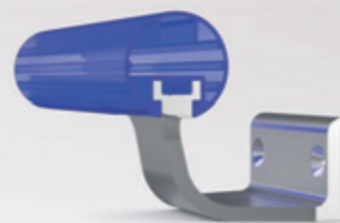
ACCESSORIES

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



Aluminium mounting bracket

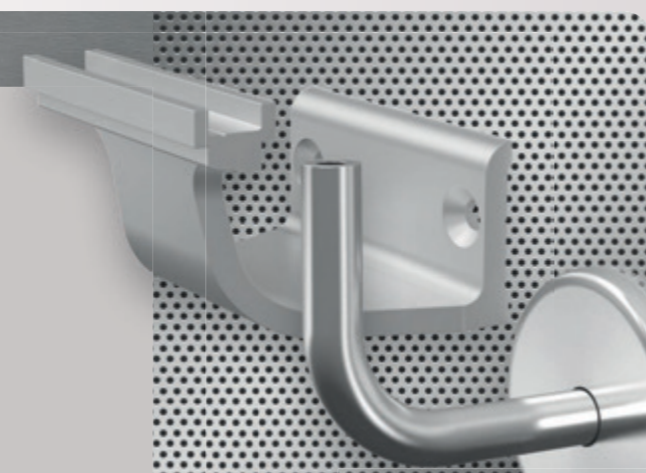
FOR MORE INFORMATION ON MOUNTING BRACKETS PLEASE SEE **page 68**



FIXING BRACKET OPTIONS

Stylish and versatile fixing bracket options for the perfect handrail finish

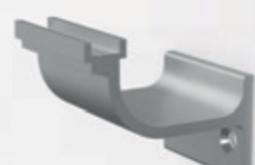
- Our fixing brackets have been designed to let hands pass by with ease. They offer ruggedness and a perfect handrail finish



54,5x78x80 mm

ALUMINIUM MOUNTING BRACKET

Stylish fixing bracket in aluminium with a high quality anodised finish



66,5x78,5x60 mm

ALUMINIUM ECO MOUNTING BRACKET

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



95x86,5x80 mm

ACROVYN® MOUNTING BRACKET

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



107x75,4x64,7 mm

STAINLESS STEEL MOUNTING BRACKET

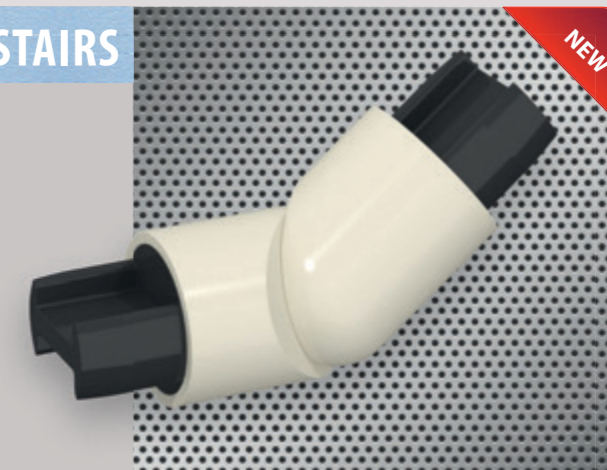
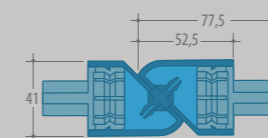
Elegant bracket in polished stainless steel with snap-on cover to conceal screw fixings

UNIVERSAL CORNER ADAPTOR FOR STAIRS

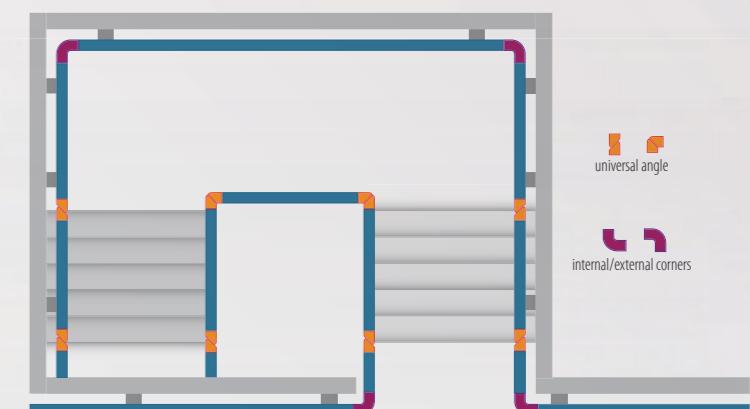
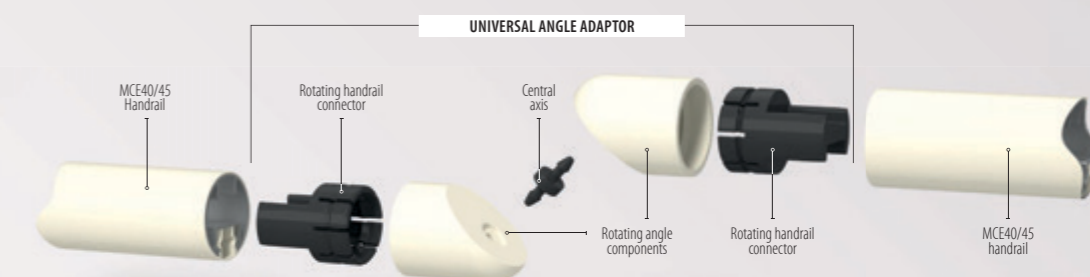
Building continuous handrail systems made easy

- 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



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

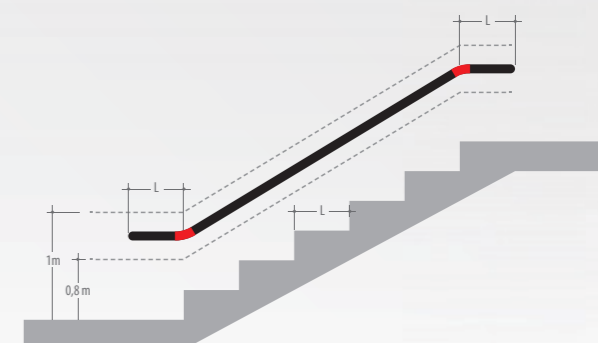
Staircases in premises open to the public must be equipped with handrails on each side.

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.




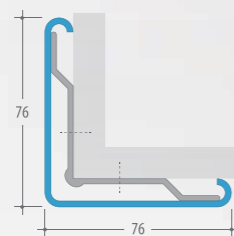
SM20 | ACROVYN[®]

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

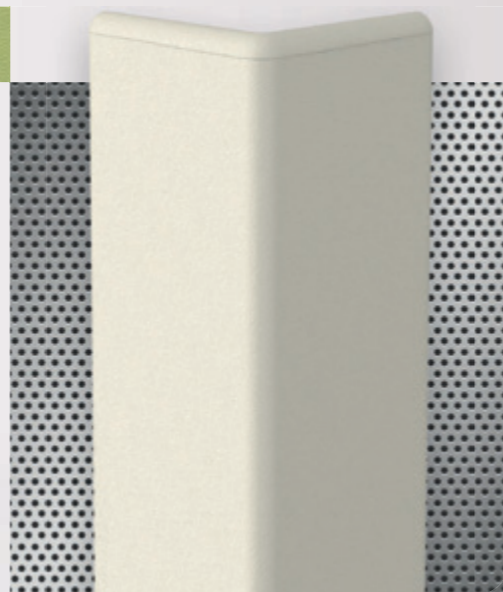
- Extra wide, shock absorbing Acrovyn[®] cover over continuous, surface mounted aluminium retainer
- Free floating cover flexes upon impact, neutralising the shock force and protecting the wall from damage

 **3.000x76x76 mm**

-  **ACCESSORIES**
- Top and bottom end caps



CHARACTERISTICS




SSM20 | FAUX WOOD, BRUSHED METAL AND CARBON

Natural looks, top grade protection

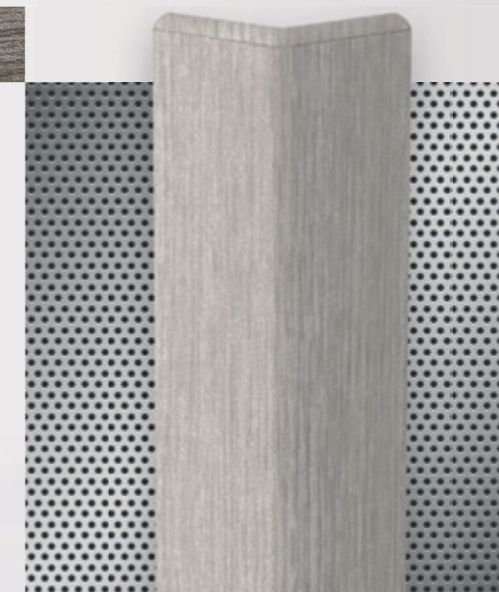
- Shock absorbing Acrovyn[®] cover over continuous, surface mounted aluminium retainer
- Free floating cover flexes upon impact, neutralising the shock force and protecting the wall from damage
- Designs with natural looks thanks to Acrovyn[®] Faux Wood or Metal finishes

 **3000x51x51 mm**

-  **ACCESSORIES**
- Top and bottom end caps



CHARACTERISTICS




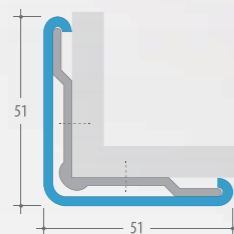
SSM20 | ACROVYN[®]

Heavy duty corner protection but more discreet than SM20

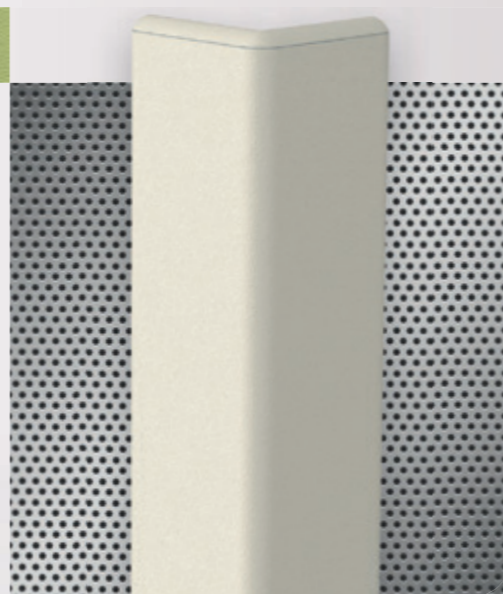
- Shock absorbing Acrovyn[®] cover over continuous, surface mounted aluminium retainer
- Free floating cover flexes upon impact, neutralising the shock force and protecting the wall from damage

 **3000x51x51 mm**

-  **ACCESSORIES**
- Top and bottom end caps



CHARACTERISTICS




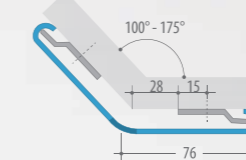
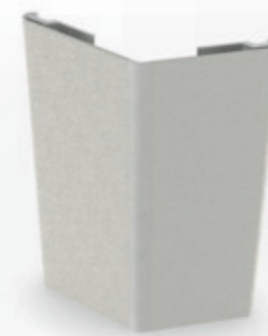
SM20M | ACROVYN[®]

Heavy duty guards for non standard corners

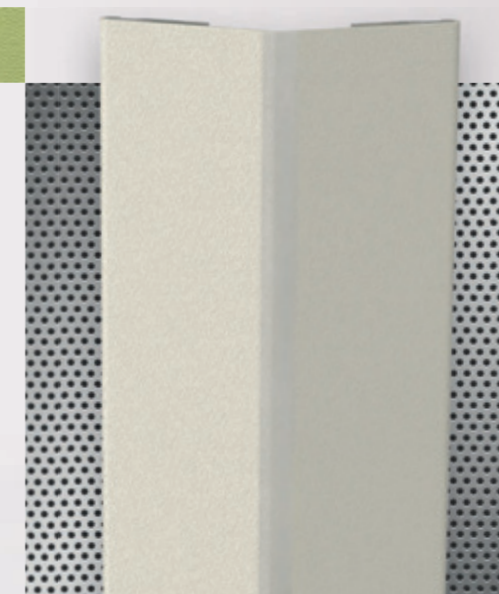
- Shock absorbing Acrovyn[®] cover clipped over two continuous, surface mounted aluminium retainer profiles
- The co-extruded Acrovyn[®] cover sports a flexible centre to allow for corner angles of 100 to 175°

 **3.000x76x76 mm**

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



CHARACTERISTICS



SO30-50-75 | ACROVYN[®]

Sleek stick-on corner guard in legendary CS Acrovyn[®]

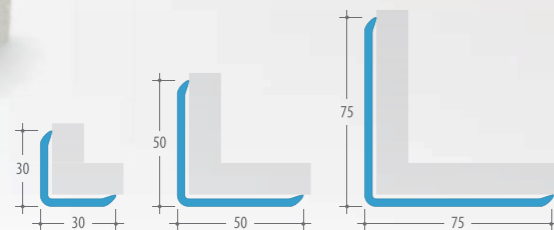
- Available in three sizes to suit most project requirements

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

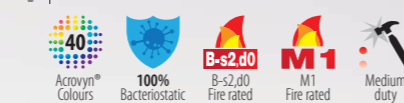
3.000x75x75 mm
3.000x50x50 mm
3.000x30x30 mm

OPTIONS

- Factory applied self adhesive tape
- Top bevel cut



CHARACTERISTICS



SO50V | ACROVYN[®]

Reliable protection for non standard corners

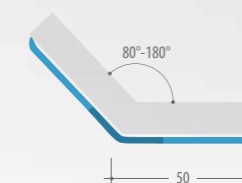
- A co-extruded flexible centre allows this corner guard to adjust easily to any angle from 80 to 180°

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

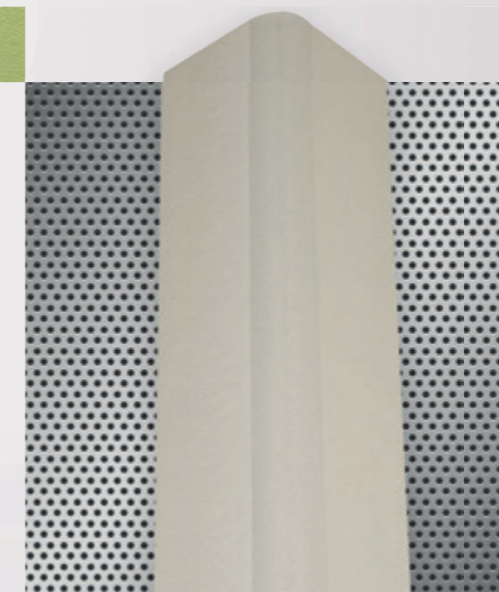
3.000x50x50 mm

OPTIONS

- Factory applied self adhesive tape
- Top bevel cut



CHARACTERISTICS



SO50 | FAUX WOOD, BRUSHED METAL AND CARBON

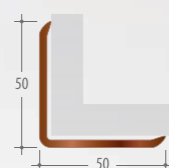
Natural looks, tough as nails CS Acrovyn[®]

- 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



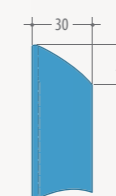
CHARACTERISTICS



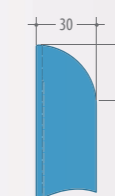
BEVEL CUT OPTION

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



SO30 soft top



SO30 half moon



SO50 soft top



SO50 half moon



SO75 soft top



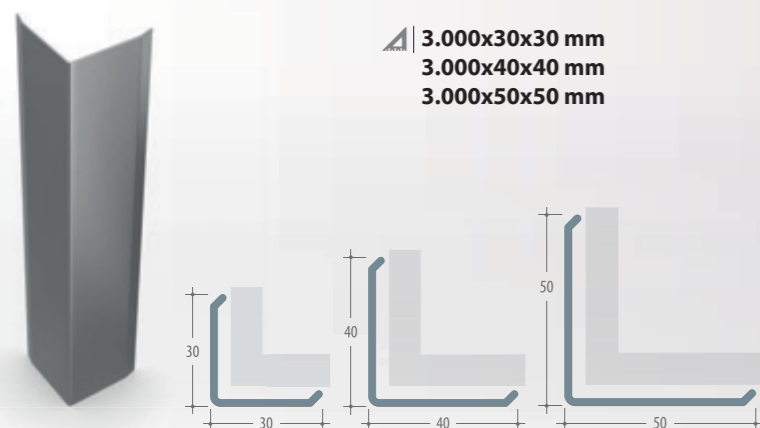
SO75 half moon



30A / 40A / 50A | STAINLESS STEEL

Food industry approved stainless steel corner guards

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



3.000x30x30 mm
3.000x40x40 mm
3.000x50x50 mm

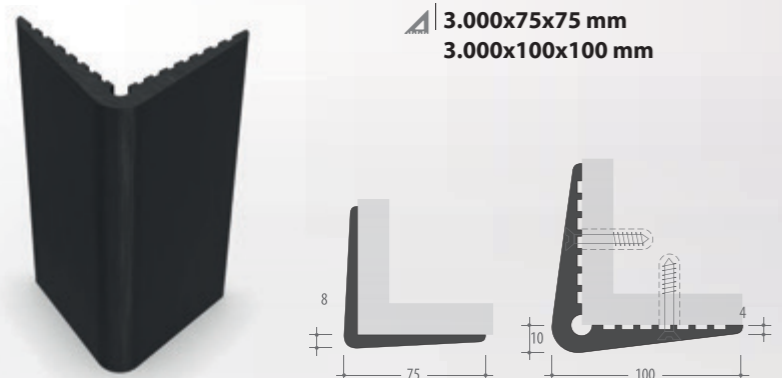


CHARACTERISTICS
Stainless Steel
Medium Duty

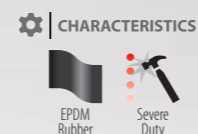
75C / 100C | EPDM RUBBER

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
EPDM Rubber
Severe Duty

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



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



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).

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.



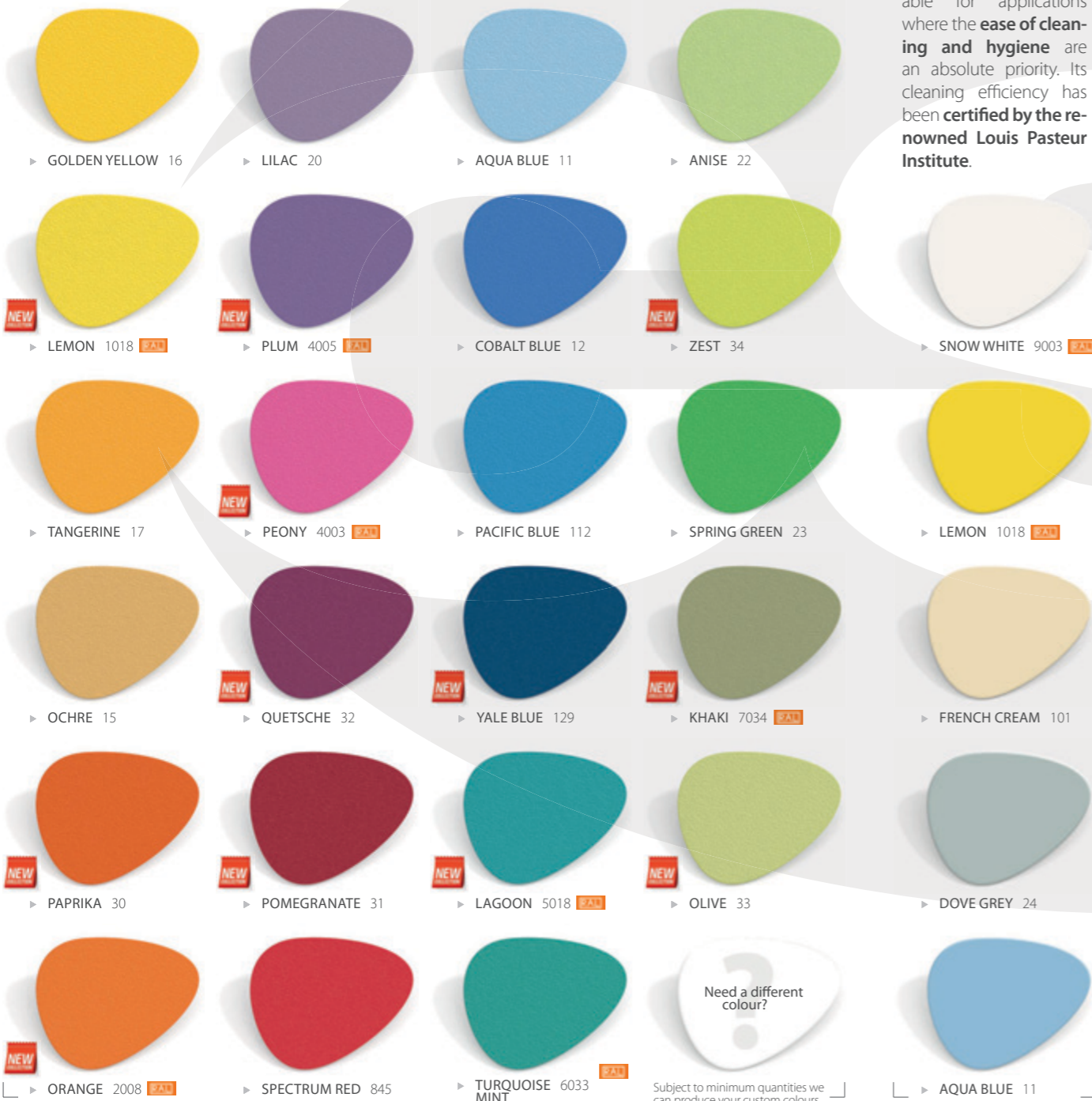
COLOUR MATCHING SERVICE

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.

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.



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.

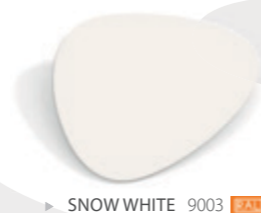
Please contact our Customer Services Department or local distributor.



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**.



FAUX METAL

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

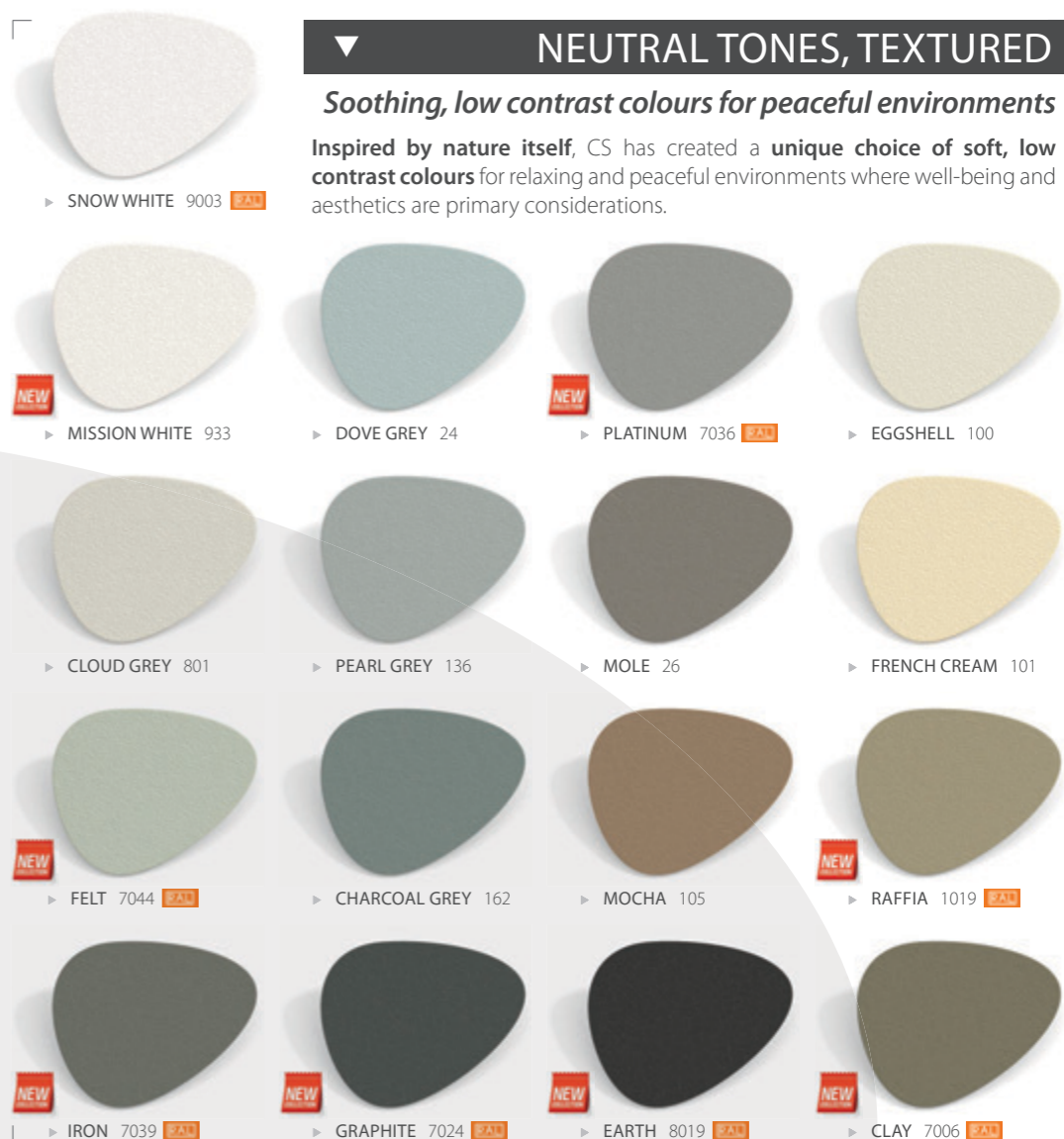
Our Faux Metal collection has the **stylish appeal of real metal** but the warm touch and unique properties of Acrovyn® protecting from the rigours of day to day wear and tear.



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.



ACROVYN® FAUX WOOD

New contemporary wood finishes for comfortable living environments

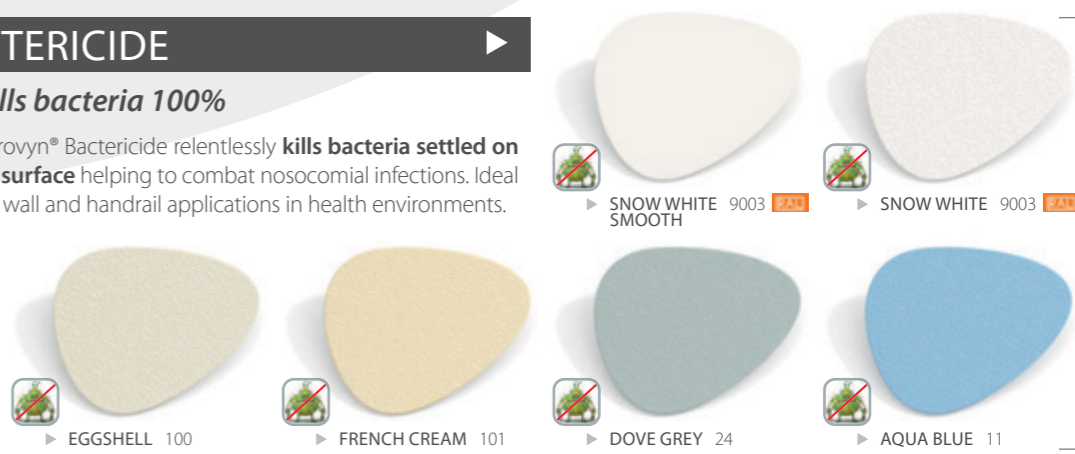
Includes **five brand new wood finishes** such as Wengue and four contemporary oak styles.



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.



ARCHITECTURAL SOLUTIONS WORLDWIDE



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CS Acrovyn®

WALL, CORNER AND
DOOR PROTECTION



CS Couvraneuf®

EXPANSION JOINT
COVER SYSTEMS



CS Pedisystems®

ENTRANCE FLOORING
SYSTEMS



CS Airfoil®

SUN CONTROL AND
SHADING SYSTEMS



CS Dexpale®

DISPLAY PANELS FOR
LIGHTING PRODUCTS



CS Elimax®

DEMOUNTABLE
PARTITIONS



CS Louvers®

LOUVERS AND
VENTILATION GRILLES

