

SureProtect Pure[®]

gradus.com



GRADUS

- > Specifically developed for areas where cleanliness is a priority, SureProtect Pure creates an impervious barrier to moisture
- > The smooth, easy to clean surface is an excellent hygienic alternative to ceramic tiles, removing the need for grout which can harbour bacteria
- > Provides a durable solution that is resistant to impact damage in a choice of diverse colours
- > Manufactured from PVC-u material that has been extensively tested for suitability in a wide range of environments



Healthcare



It is essential that healthcare environments maintain strict hygiene standards. Designed to create an impervious barrier to dirt and bacteria, Gradus SureProtect Pure is an ideal solution for healthcare applications where cleanliness is imperative.



The requirement

The Health Building Note 00-09 states: “Smooth cleanable impervious surfaces are recommended in clinical areas. Design should ensure that surfaces are easily accessed, will not be physically affected by detergents and disinfectants, and will dry quickly. Additional protection to the walls should be considered to guard against gouging / impacts with bed heads and trolleys.”

Source: Department of Health: Health Building Note 00-09: Infection control in the built environment. Contains public sector information licensed under the Open Government Licence v3.0. Crown copyright material is reproduced with the permission of the Controller of HMSO.

The solution

- > SureProtect Pure provides an impervious barrier to moisture, dirt and bacteria
- > Hygienic smooth surface is quick and easy to clean
- > Offers a tough and durable finish that is resistant to everyday impacts
- > Ideal for operating theatres, clinical areas and treatment rooms

Commercial Kitchens

Commercial kitchens and food preparation areas require frequent and thorough cleaning to maintain food hygiene standards. Gradus SureProtect Pure offers an improved alternative to traditional ceramic tiles and grouting that have been historically used in commercial kitchen environments.



The requirement

The Food Standards Agency states “wall surfaces must be maintained in a sound condition and be easy to clean and, where necessary, to disinfect. This means that wall surfaces need to be made of materials that are impervious (i.e. do not allow fluid to pass through), non-absorbent, washable and non-toxic, and must be smooth up to a height appropriate for the work you do unless you can satisfy your local authority that other materials are appropriate.”

Source: Food Standards Agency: Food Hygiene – A Guide For Business. Contains public sector information licensed under the Open Government Licence v3.0. Crown copyright material is reproduced with permission of the Controller of HMSO.

The solution

- > SureProtect Pure meets EU Commission Regulation 10/2011 with regard to food contact
- > Manufactured from PVC-u material that will withstand temperatures of up to 60°C
- > The smooth sheet surface is quick and easy to clean
- > Ideal for kitchens, food service areas and canteens

Sport & Leisure



Leisure facilities such as changing areas and shower rooms require a combination of easily maintainable solutions that are also bright and attractive whilst offering protection against everyday knocks.



The requirement

Surfaces should be durable whilst also being easy to clean and maintain. In wet areas, they should be impermeable to moisture and resistant to mould.

The solution

- > SureProtect Pure offers a smooth surface that is easily wiped clean
- > PVC-u sheets protect the building substrates by creating barriers to moisture
- > Joints that have been sealed with weld rod create an impermeable barrier to moisture which helps to prevent damp problems and mould growth
- > Available in a choice of pastel tones and bright colours to blend or enhance the theme of any interior decor
- > Ideal for changing rooms, gymnasiums and shower room facilities

Laboratories

Laboratories are critical clean areas where hygiene is an essential priority. Gradus SureProtect Pure can help to reduce the risk of contamination by offering an impermeable, easy to clean wall cladding solution.



The requirement

Surfaces should be easy to clean and resistant to scratches and scrapes that can become 'hot spots' for the build-up of dirt and bacteria. Surfaces should also be able to withstand intensive and frequent cleaning and be resistant to a reasonable level of impact.

The solution

- > SureProtect Pure offers a smooth surface that is quick and easy to clean
- > Able to withstand general impact damage
- > Provides a continuous surface that is impenetrable to bacteria when combined with hot welded joints and thermoformed corners
- > Available in a diverse choice of colours
- > Ideal for use in sterile laboratories and testing facilities

Product Specifications

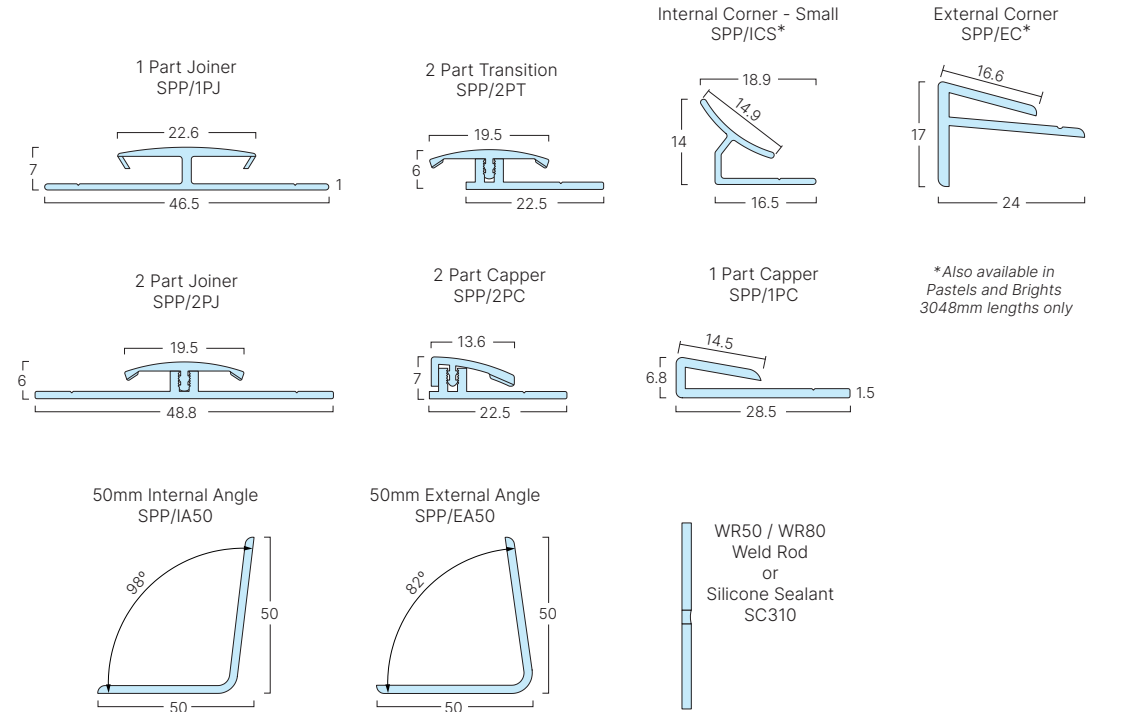
SureProtect Pure PVC-u Sheet

Sheet available in the following sizes.

Code	Colour Availability	Length	Width	Thickness
SPP25W/2440	White	2440mm	1220mm	2.5mm
SPP25W/3048	White	3048mm	1220mm	2.5mm
SPP25P/2440	Pastels	2440mm	1220mm	2.5mm
SPP25P/3048	Pastels	3048mm	1220mm	2.5mm
SPP25B/2500	Brights	2500mm	1220mm	2.5mm
SPP25B/3048	Brights	3048mm	1220mm	2.5mm

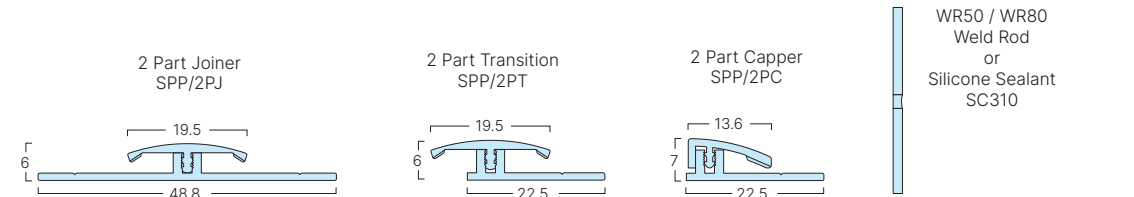
Jointing & Corner options

White (Length 2440mm & 3048mm)



Jointing options

Pastels and Brights (Length 3050mm)



Sealant & Fixings

Silicone Sealant	Weld Rod	Double Sided Tape	Gradus Grip Adhesive
SC310 Available in all colours	WR80 Available for White plus all Pastel colours	NOVAF200A5050	WGP65 2-part polyurethane (6.5kg tub)
	WR50 Available for all Brights plus all Pastel finishes		WGA120 1-part acrylic (12kg tub)

Technical Details

Performance

SureProtect Pure has been extensively tested to the following standards to ensure suitability in hygienic applications.

Warranty

Gradus offers a 20 year warranty for SureProtect Pure (details available on request).

Test	Description
Bacterial	Tested according to ISO 22196:2011
Food Contact	Meets EU Commission Regulation 10/2011 with regard to food contact
Fire	Reaction to fire classification: EN 13501-1: Class B Fire/s3 Smoke See installation instructions for further information
Impact	Tested to BS EN 438-2 that comparatively measures the impact absorption of SureProtect Pure against standard ceramic tile. The test demonstrates that SureProtect Pure PVC-u sheet can withstand significantly higher impact without damage occurring. Tested to ISO 6603-1:2000 Determination of puncture test.
Maximum temperature should not exceed temperatures of 60°C	

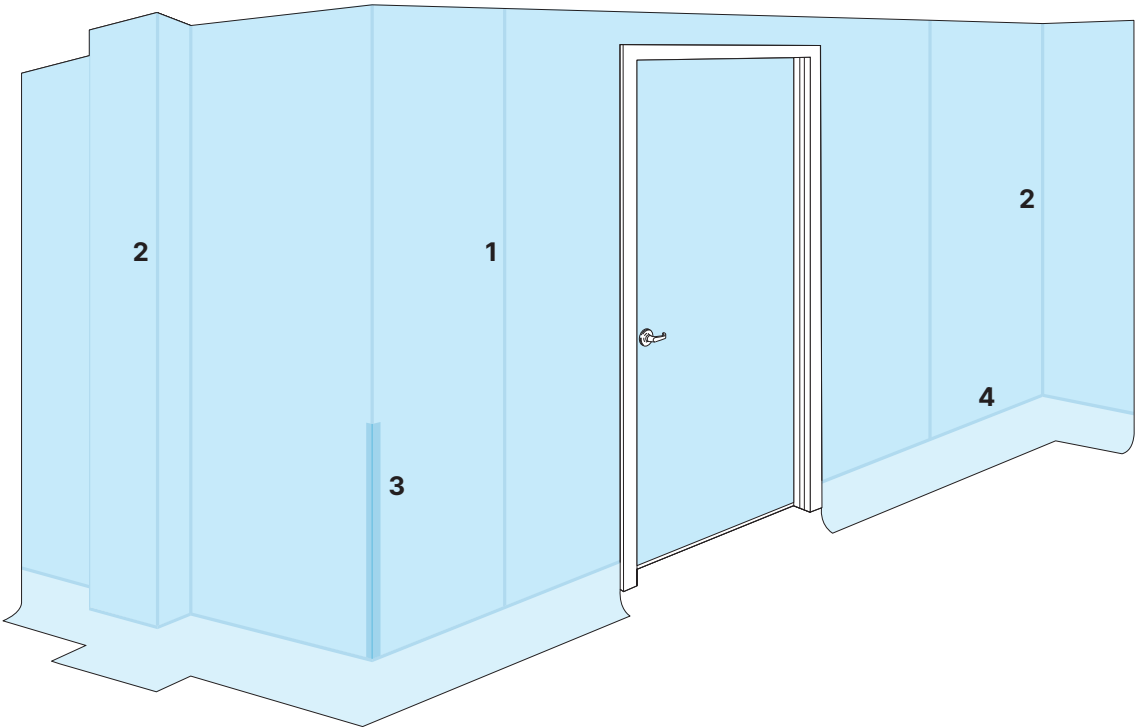
Finishing Options

Corners, joints, and floor transitions are vital to the overall integrity of a hygienic wall cladding system. A choice of trims, silicone sealant, weld rod and thermoforming are available as solutions to vulnerable junctions.

Thermoformed corners (formed on-site during installation) and welded joints provide a seamless finish for the most hygiene sensitive applications. Silicone sealant, as an alternative finish, is quick to install and creates a smooth transition which is easy to clean.

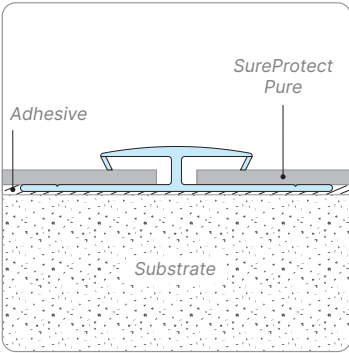
A selection of 1-part and 2-part trims are also available. 2-part trims are easy to install, suitable for most applications* and create a smooth transition between junctions. 1-part trims* are also available and suitable for secure areas as they are resistant to being pulled off the wall.

*Trims are not recommended for critical hygiene applications.

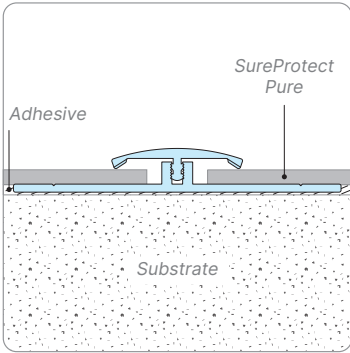


1 Joints

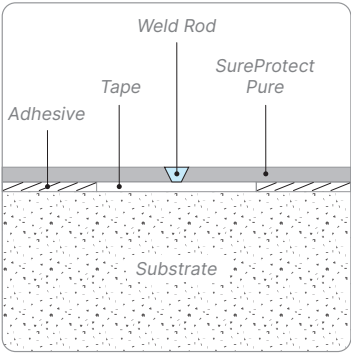
1 Part Joiner Trim - SPP/1PJ



2 Part Joiner Trim - SPP/2PJ

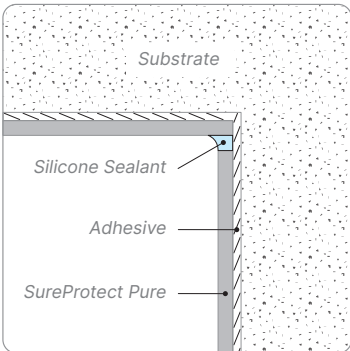


Weld Rod - WR

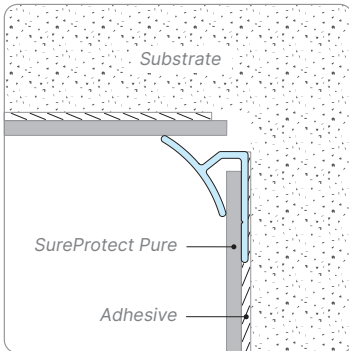


2 Corners

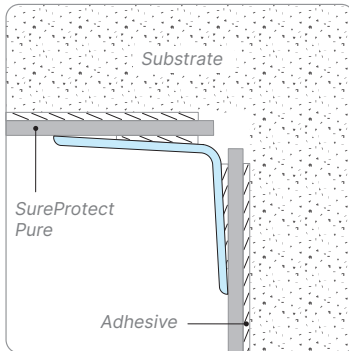
Silicone Sealant - SC310



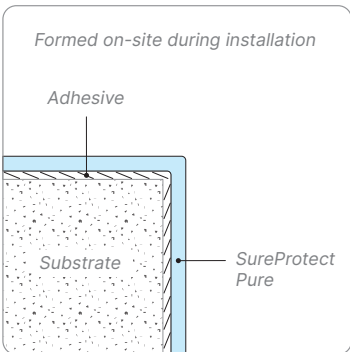
Internal Corner - SPP/ICS



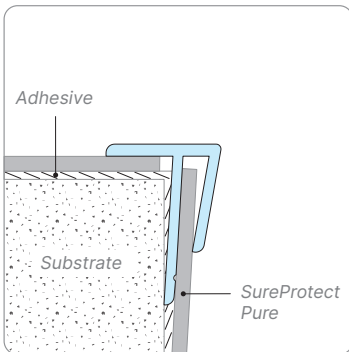
Internal Angle - SPP/IA50



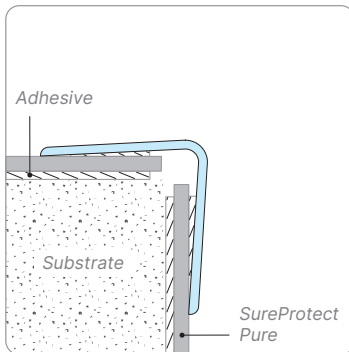
Thermoformed External/Internal Corner



External Corner - SPP/EC

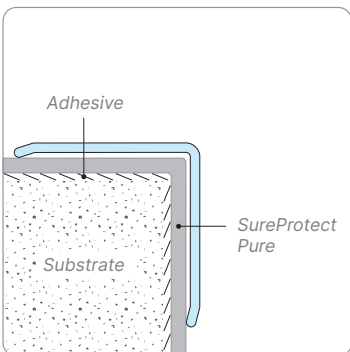


External Angle - SPP/EA50



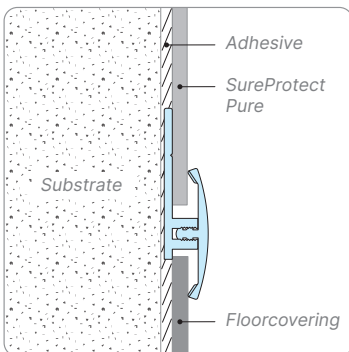
3 Corner Protection

185 Series Stainless Steel Corner Guard

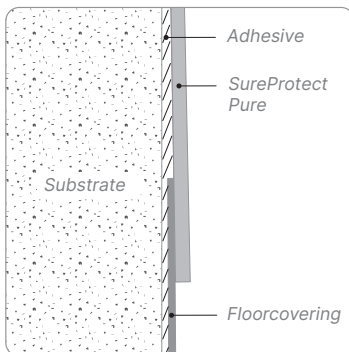


4 Floor Transitions

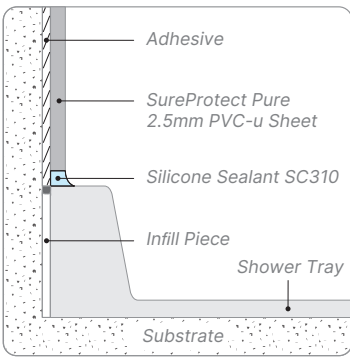
2 Part Transition Trim - SPP/2PT



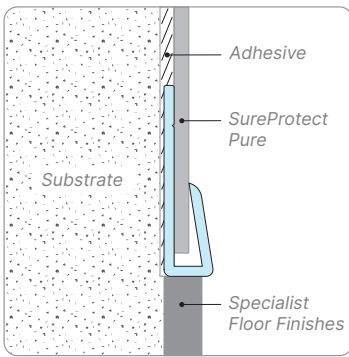
Overlay - Gradus Grip Adhesive



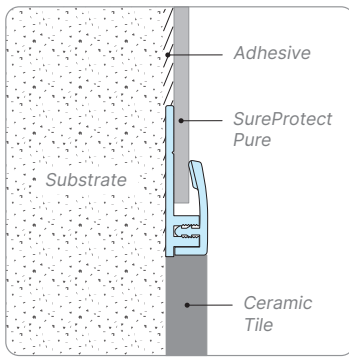
Shower Tray Silicone Sealant - SC310



1 Part Capper Trim - SPP/1PC



2 Part Capper Trim - SPP/2PC



Uniclass Pr_35_90_43_86			
CI/SfB	(42)	X	

GRADUS

Gradus Ltd Park Green Macclesfield Cheshire SK11 7LZ UK Tel: 01625 428922
For enquiries outside the UK and Eire contact Gradus International on +44 (0)1625 613780

gradus.com