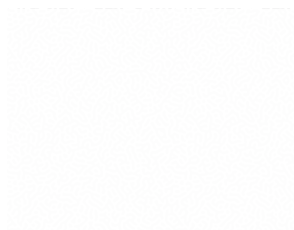


Colour Availability

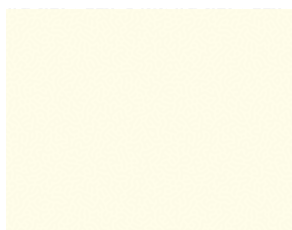
PVC-u Profiles & SureProtect Endure®

Standard Colours

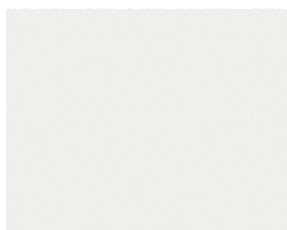
35 standard colours provide a colour choice to suit virtually any design scheme, from healthcare and education environments through to leisure and commercial office applications. Refer to the colour chart on page 41 for details of specific product availability.



✓ 038 Polar
LRV 80.14 | NCS S 1002-B



✓ 001 Chalk
LRV 87.51 | NCS S 0500-N



031 Alum
LRV 71.91 | NCS S 1000-N



032 Flint
LRV 43.70 | NCS S 3000-N



004 Granite
LRV 24.07 | NCS S 5502-B



011 Pebble
LRV 59.08 | NCS S 2005-R80B



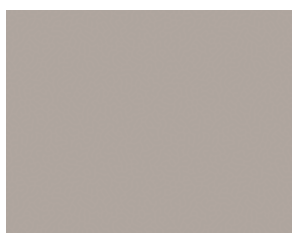
002 Gravel
LRV 53.71 | NCS S 2502-Y



035 Hessian
LRV 35.79 | NCS S 4010-Y30R



✓ 003 Clay
LRV 33.86 | NCS S 4000-N



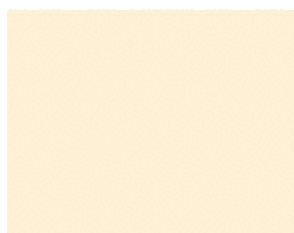
014 Cinnamon
LRV 42.30 | NCS S 3005-Y80R



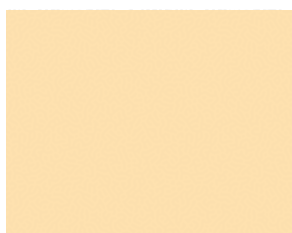
009 Sienna
LRV 26.67 | NCS S 4010-Y70R / 4005-Y70R



010 Bark
LRV 16.61 | NCS S 6005-Y80R



✓ 006 Ivory
LRV 81.98 | NCS S 0505-Y30R



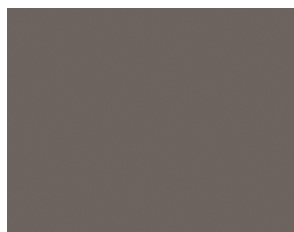
007 Wicker
LRV 70.36 | NCS S 0510-Y30R



008 Sand
LRV 52.26 | NCS S 2010-Y30R



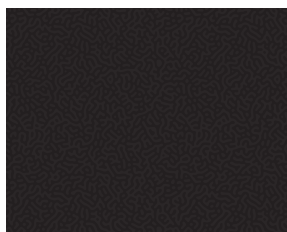
013 Greige
LRV 38.97 | NCS S 3005-Y20R



✓ 005 Shale
LRV 17.88 | NCS S 6500-N / 6502-Y



033 Slate
LRV 7.03 | NCS S 8005-R80B



036 Black
LRV 5.08 | NCS S 8502-B



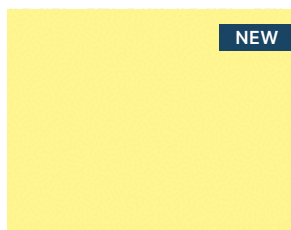
Popular colours
stocked in depth



Textured finish and through coloured to
conceal the effects of impact and abrasion



Visit: www.gradus.com
for full details



NEW

043 Mimosa

LRV 68.48 | NCS S 0540-G90Y



021 Straw

LRV 75.21 | NCS S 0530-Y / 0530-Y10R



NEW

041 Terracotta

LRV 27.04 | NCS S 2060-Y50R



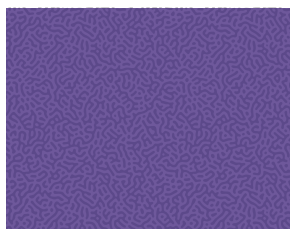
028 Poppy

LRV 16.31 | NCS S 1080-R



034 Rose Quartz

LRV 52.08 | NCS S 1515-R20B



030 Iris

LRV 18.61 | NCS S 4040-R50B



NEW

040 Lychee

LRV 44.83 | NCS S 2030-Y60R



NEW

042 Mulberry

LRV 13.38 | NCS S 4040-R10B



016 Glacier

LRV 59.27 | NCS S 1020-B



018 Azure

LRV 45.14 | NCS S 1040-R90B



NEW

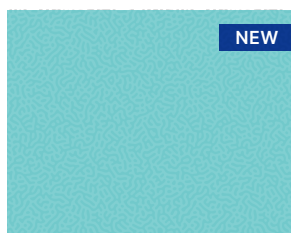
046 Indigo

LRV 10.91 | NCS S 3060-R80B



020 Denim

LRV 16.91 | NCS S 4040-R90B



NEW

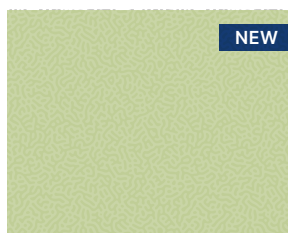
048 Lagoon

LRV 48.61 | NCS S 1040-B20G



024 Bamboo

LRV 54.74 | NCS S 1040-G50Y



NEW

044 Sage

LRV 39.35 | NCS S 2030-G30Y



NEW

045 Fern

LRV 18.23 | NCS S 5020-G30Y

Colour Matching

Important note: Due to the limitations of the printing process, colours within this catalogue should not be relied upon for colour matching. An accurate colour match can only be achieved by requesting the relevant product sample(s).

Light Reflectance Values

All Gradus wall protection colours have been measured for Light Reflectance and the Value (LRV) is detailed below each colour (values have been measured using the CIE Y value in accordance with BS 8493:2008+A1:2010). LRVs allow tonal contrast to be achieved between different surfaces to highlight features (e.g. handrails or door furniture), identify hazards or provide wayfinding.

NCS Colour References

Gradus is a member of NCS (Natural Colour System) and utilises the NCS reference codes shown above each colour. For further information visit www.ncscolour.com ©Property of and used under licence from the Scandinavian Colour Institute AB, SCI-Sweden se, Stockholm 2004.

Wall Cladding Systems

Introduction

Wall cladding provides a durable and defensive layer designed to protect large surfaces from scuffs and scrapes, generally caused by pedestrians and movable objects such as chairs, trolleys and tables.

Gradus offers a choice of wall cladding in a range of materials, colour options and finishes to coordinate with most interior design schemes that can be used in a range of applications.



Leicester Royal Infirmary



SureProtect Endure Protective Wall Cladding



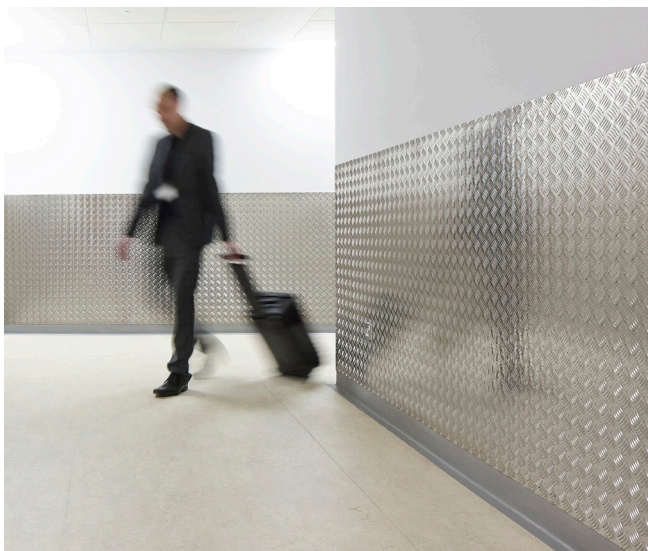
SureProtect Pure Hygienic Wall Cladding



SureProtect Design Contemporary Wall Cladding



SureProtect Artworx Bespoke Wall Cladding



Aluminium Chequer Plate



Stainless Steel Sheet

SureProtect Endure®

Protective Wall Cladding



SureProtect Endure PVC-u sheet is textured to conceal the effects of impact and abrasion. It can be specified as a stand-alone product or be combined with other Gradus wall protection products to create a comprehensive protection system. It helps to reduce the need to repair and re-paint wall surfaces and with minimal maintenance, optimises the appearance retention of the building interior.

Information

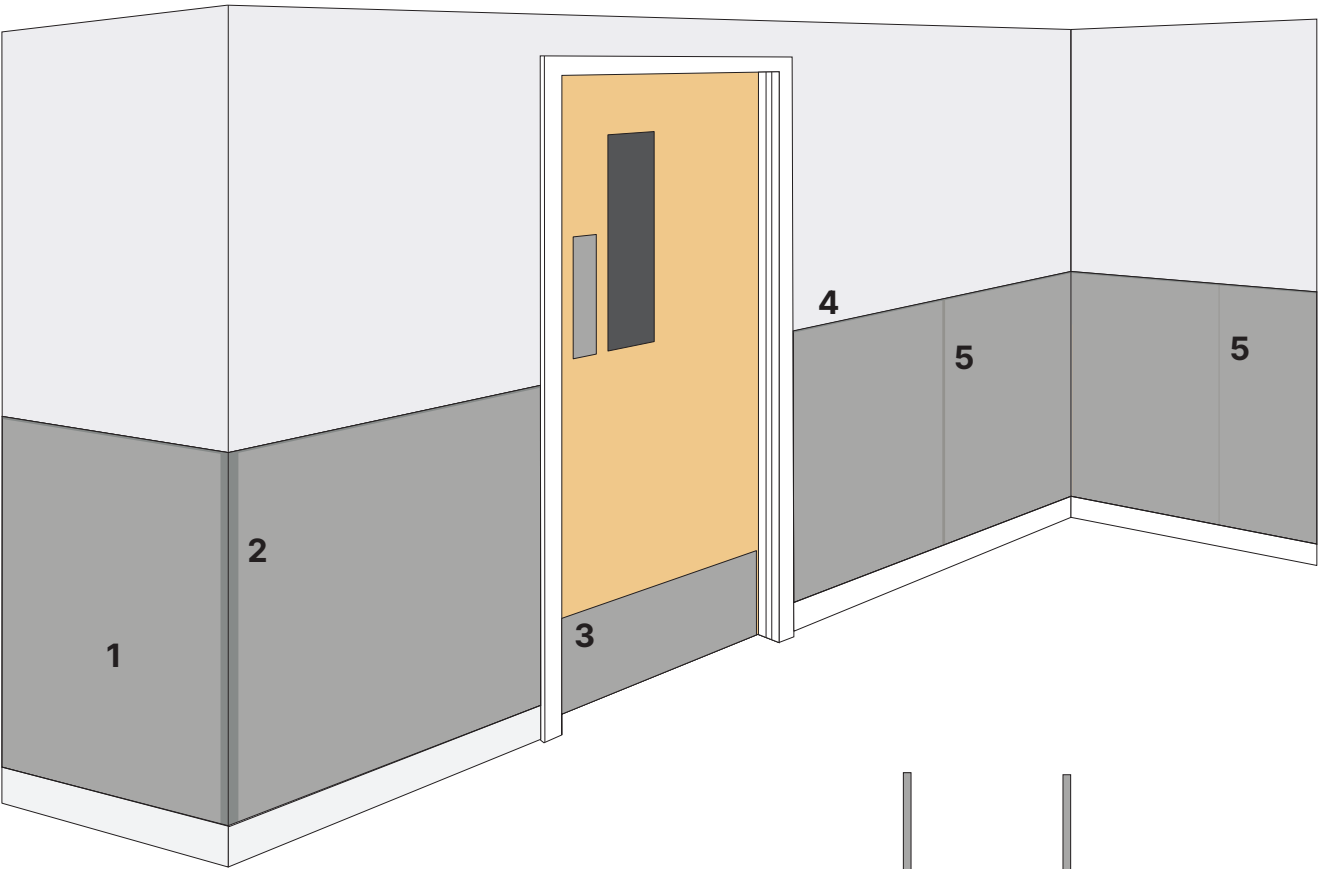
- > Supplied in sheet form with the option of finishing trims, silicone sealant and thermoforming
- > Textured PVC-u sheet available in a choice of 35 colours. See page 42
- > Reaction to fire classification
EN 13501-1: Class B Fire/s3 Smoke
See installation instructions for further information
- > Resistance to cleaning chemicals

SPE15N - Sheet dimensions

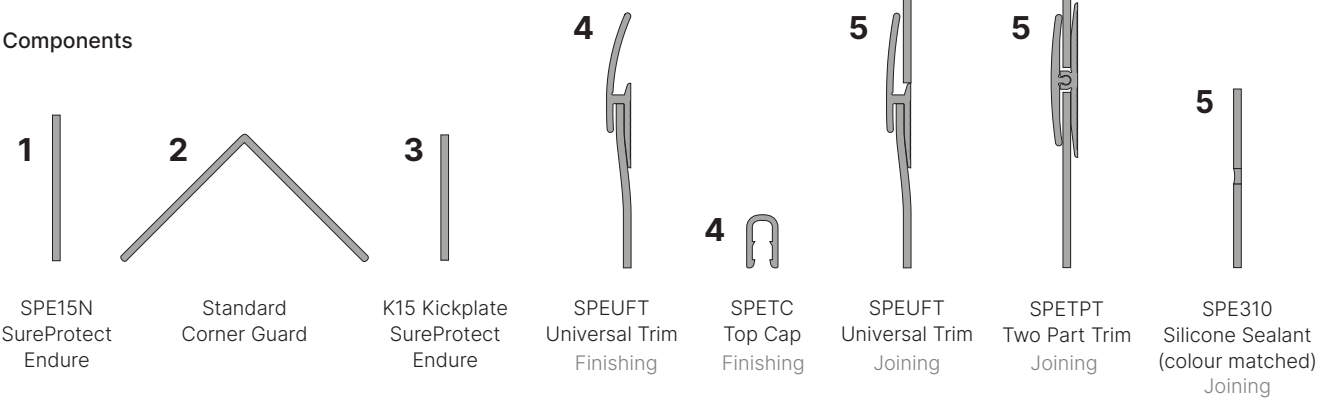
- > Sheet size: 2440mm x 1220mm x 1.5mm Thickness
- > Bespoke sizes also available, contact Gradus



Leicester Royal Infirmary



Components



The Dementia Services Development Centre at the University of Stirling have undertaken a review of the Gradus Wall Protection products and have rated its design in relation to dementia design principles and its usability within a dementia-inclusive environment.

SureProtect Endure is rated as Class 1a/b. Finishes within these ratings can be used throughout dementia applications. We recommend a minimum contrast of 30 points LRV for critical surfaces.

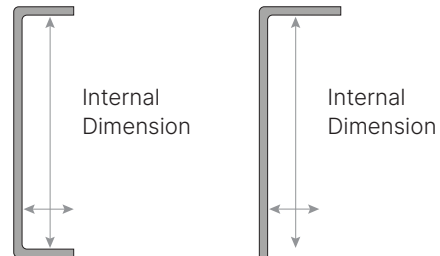
For further information contact Gradus Technical Department 01625 428922

SureProtect Endure®

Cutting and Forming

SureProtect Endure offers excellent flexibility through the versatility of cutting or forming into bespoke designs or profiles, allowing functionality to be combined with aesthetics and offering an endless range of design possibilities.

- > Can be cut to create a variety of designs, from corporate logos in reception areas, themed Rubrails for hotels, and decorative signage.
- > Can be formed into various profiles e.g. 'L' and 'U' shapes
 - 'L' profiles can be used as bespoke corner guards, door edge and door frame protectors
 - 'U' profiles are often used for column protectors or to protect nib end walls



The Grange University Hospital

Rubrails and Kickplates

SureProtect Endure can be cut and shaped into a range of profiles such as Rubrails, Kickplates & Pushplates.

R15 Rubrails

R15 rubrails are available in standard heights from 100mm to 1220mm in 50mm increments. They can be bevelled on the top and bottom edges for a smooth, neat finish on request.

- > R15 Rubrails offer a cost-effective solution for protecting walls where impact and abrasion is likely to occur



R15 Rubrails

K15 Kickplates

K15 Kickplates and Pushplates for doors are available in sizes up to 1220mm x 2440mm and can be bevelled on all edges for a smooth, neat finish on request. They are available with or without pre-applied adhesive.

- > K15 Kickplates & Pushplates – can be applied to new doors by the door manufacturer or surface mounted by a contractor as part of building/refurbishment works



K15 Kickplates



SureProtect Pure[®]

Hygienic Wall Cladding



Specifically developed for areas where cleanliness is a priority, SureProtect Pure creates an impermeable barrier to moisture and bacteria, as well as a durable solution that is resistant to impact damage. The smooth, easy to clean surface is an excellent hygienic alternative to ceramic tiles, removing the need for grout which can harbour bacteria. SureProtect Pure is manufactured from PVC-u material that has been extensively tested to ensure suitability in hygienic environments.

The product adheres to guidance set out in The Health Building Note 00-09 and the Food Standards Agency, making it the perfect solution for healthcare environments and commercial kitchens. It is also ideal for sport and leisure facilities, food manufacturing environments, pharmaceutical laboratories, dentist practices, veterinary surgeries and bathrooms.

Information

- > Smooth PVC-u sheet material in a choice of 21 colours
- > Tested for suitability in a wide range of environments
- > Range of trimming and jointing solutions
- > Reaction to fire classification
EN 13501-1: Class B Fire/s3 Smoke
See installation instructions for further information
- > Complies with ISO 22196:2011 and HBN 00-09

Sheet dimensions

- > 2440mm x 1220mm x 2.5mm Thickness
- > 2500mm x 1220mm x 2.5mm Thickness
- > 3048mm x 1220mm x 2.5mm Thickness
- > Bespoke sizes also available, contact Gradus



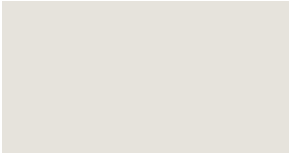
Royal Liverpool University Hospital

Colour Availability

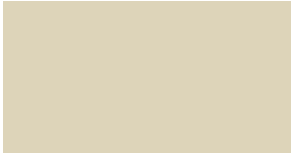
Satin Finish



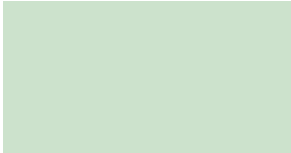
White
LRV 90.87 | NCS S 0300-N



Platinum
LRV 58.81 | NCS S 2002-Y



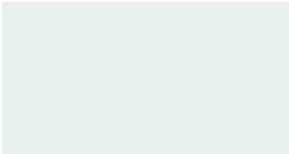
Champagne
LRV 72.74 | NCS S 1005-Y20R



Peppermint
LRV 75.20 | NCS S 0515-G



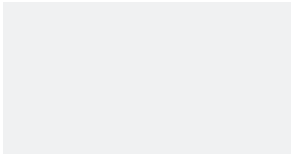
Iceberg
LRV 65.96 | NCS S 1020-B



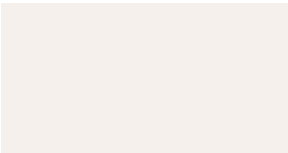
Duckegg
LRV 80.32 | NCS S 0804-B50G



Putty
LRV 41.58 | NCS S 3005-Y50R



Porcelain
LRV 73.28 | NCS S 0804-R70B

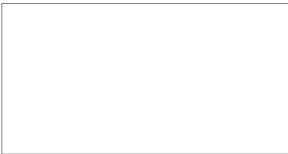


Cotton
LRV 82.91 | NCS S 0502-Y50R



Aqua
LRV 63.26 | NCS S 1015-B20G

Gloss Finish



Pearl
LRV 89.28 | NCS S 0500-N



Sorbet
LRV 64.08 | NCS S 0570-G60Y



Sage
LRV 41.05 | NCS S 3010-G40Y



Olive
LRV 47.52 | NCS S 2030-G60Y



Spice
LRV 19.76 | NCS S 2075-Y60R



Fuchsia
LRV 21.51 | NCS S 1070-R20B



Chilli
LRV 11.83 | NCS S 2070-R



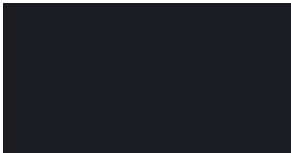
Plum
LRV 9.26 | NCS S 4050-R30B



Blueberry
LRV 34.37 | NCS S 3030-R90B



Iron
LRV 14.63 | NCS S 7000-N



Onyx
LRV 4.96 | NCS S 9000-N

Smooth finish and through coloured to conceal the effects of impact and abrasion



Visit: www.gradus.com for full details

Colour Matching

Important note: Due to the limitations of the printing process, colours within this catalogue should not be relied upon for colour matching. An accurate colour match can only be achieved by requesting the relevant product sample(s).

Light Reflectance Values

All Gradus wall protection colours have been measured for Light Reflectance and the Value (LRV) is detailed below each colour (values have been measured using the CIE Y value in accordance with BS 8493:2008+A1:2010). LRVs allow tonal contrast to be achieved between different surfaces to highlight features (e.g. handrails or door furniture), identify hazards or provide wayfinding.

NCS Colour References

Gradus is a member of NCS (Natural Colour System) and utilises the NCS reference codes shown above each colour. For further information visit www.ncscolour.com ©Property of and used under licence from the Scandinavian Colour Institute AB, SCI-Sweden se, Stockholm 2004.

SureProtect Pure®

Technical Information

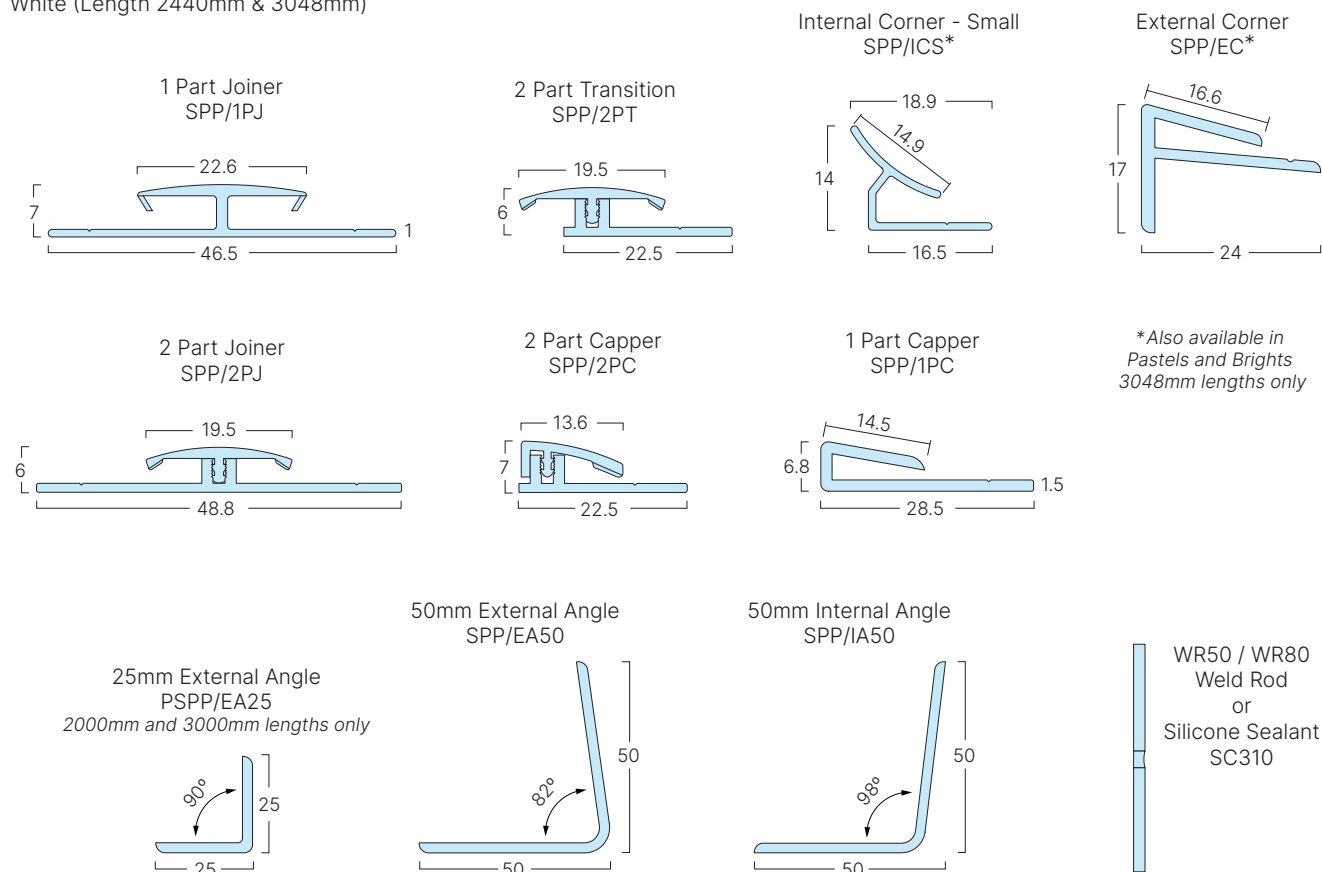
SureProtect Pure PVC-u Sheet

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

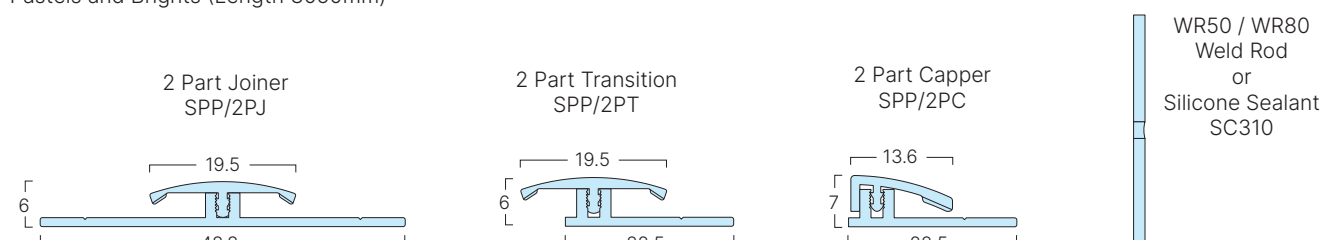
Jointing & Corner options

White (Length 2440mm & 3048mm)



Jointing options

Pastels and Brights (Length 3050mm)



Sealant & Fixings

Silicone Sealant	Weld Rod	Double Sided Tape
SC310 Available in all colours	WR80 Available for White plus all Pastel colours	NOVAF200A5050
	WR50 Available for all Brights plus all Pastel finishes	

Performance

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

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	

SureProtect Design®

Contemporary Wall Cladding

Modern and stylish in appearance, SureProtect Design elevates building interiors whilst still offering excellent surface protection. Ideal for applications where aesthetics is important such as reception areas, leisure facilities, hotel lobbies, retirement homes and university campuses.

Information

- > Supplied in sheet form with the option of silicone sealant and thermoforming
- > Reaction to fire classification
EN 13501-1: Class B Fire/s3 Smoke
See installation instructions for further information

Sheet dimensions

- > Sheet sizes: 3000mm x 1300mm x 2mm Thickness
- > Bespoke sizes also available, contact Gradus



Colour Availability

SureProtect Design Finishes

These contemporary finishes help to create modern interiors and are an ideal choice in environments such as hospitality, leisure and commercial office.

Woods - SPD20W



060 Maple
LRV 50.0 | NCS S 2020-Y30R



062 Light Oak
LRV 35.4 | NCS S 3020-Y30R



071 Cherry
LRV 26.39 | NCS S 4020-Y30R



070 Walnut
LRV 12.06 | NCS S 6010-Y90R



065 Stripped Pine
LRV 37.0 | NCS S 4005-Y20R



069 Brown Cedar
LRV 18.4 | NCS S 6005-Y50R
* Not available for handrails



068 Smoky Cedar
LRV 10.5 | NCS S 7502-B
* Not available for handrails



The Dementia Services Development Centre at the University of Stirling have undertaken a review of the Gradus Wall Protection products and have rated its design in relation to dementia design principles and its usability within a dementia-inclusive environment.

SureProtect Design wood effects are rated as Class 1a/b*. Finishes within these ratings can be used throughout dementia applications. We recommend a minimum contrast of 30 points LRV for critical surfaces.

* except for 071 Cherry which is rated 2.

For further information contact Gradus Technical Department 01625 428922

Colour Matching

Important note: Due to the limitations of the printing process, colours within this catalogue should not be relied upon for colour matching. An accurate colour match can only be achieved by requesting the relevant product sample(s).

Light Reflectance Values

All Gradus wall protection colours have been measured for Light Reflectance and the Value (LRV) is detailed below each colour (values have been measured using the CIE Y value in accordance with BS 8493:2008+A1:2010). LRVs allow tonal contrast to be achieved between different surfaces to highlight features (e.g. handrails or door furniture), identify hazards or provide wayfinding.

NCS Colour References

Gradus is a member of NCS (Natural Colour System) and utilises the NCS reference codes shown above each colour. For further information visit www.ncscolour.com ©Property of and used under licence from the Scandinavian Colour Institute AB, SCI-Sweden se, Stockholm 2004.

SureProtect Artworx™

Bespoke Wall Cladding

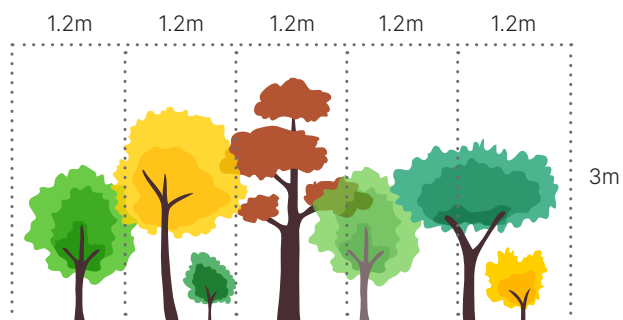
Enhance your building interiors with SureProtect Artworx to help you achieve a healthier more aesthetically pleasing environment. From operating theatres, wayfinding and signage in corridors, welcoming reception areas, calming office environments to bold company logos the design possibilities are endless.



Technical Information

Information

- > Gradus can provide a bespoke cladding solution by digitally printing your photograph/graphic onto a durable sheet
- > Prints can be applied to multiple sheets as a continuous image



Printing requirements

- > Accepted file formats: PDF vector, Adobe Illustrator vector (typically for drawings) or JPEG, TIFF or any type of image. In this case, resolution must be at least 600dpi at 1:10 scale (typically for pictures)
- > Provide details of finished trimmed size in mm (width x height)
- > Files must be provided in RGB or CMYK, Pantone colours should be specified
- > Photos or graphics supplied via "image libraries" must show copyright traceability and proof of purchase, always buy the largest choice of size.

Typical examples



Aluminium Chequer Plate

Aluminium chequer plate wall and door panels are strong and durable, ideal for use in areas subject to frequent, heavy wheeled traffic e.g. service corridors, loading areas and car parks.

Key Benefits

- > Panels are light-weight, easy to install and keep clean
- > Reduce maintenance costs by eliminating the need to repair and repaint wall surfaces
- > The embossed chequer pattern conceals the effects of any surface damage caused by wheeled traffic
- > Suitable for both interior and exterior environments
- > Supplied undrilled
- > Note: an exact pattern match cannot be guaranteed
- > Corner guards also available page 110

Sheet dimensions

NEW

- > CPA1/2500/1250
Sheet sizes: 2500mm x 1250mm x 1mm Thickness
- > CPA2/2500/1250
Sheet sizes: 2500mm x 1250mm x 2mm Thickness

Bespoke options

- > Cutting, drilling and custom fabrications



Stainless Steel Sheet

Stainless steel is a robust, durable, heat resistant hygienic material ideally suited for clinical areas, splashbacks and areas exposed to heat.

Key Benefits

- > 304 grade Stainless Steel with Satin finish (other grades available)
- > Robust, durable hygienic material
- > Suitable for Hygienic environments e.g. food preparation, areas and laboratories
- > Cut to individual size requirements
- > Suitable for interior applications
- > Corner Guards also available see page 110

Sheet dimensions

- > K130/SPEC
Sheet sizes: 2500mm x 1250mm x 1.5mm Thickness

Bespoke options

- > Cut to individual size requirements



Bitterne Park School