



# Hygienic Cladding

# Hygienic Cladding

The smooth, easy clean and durable surface of the cladding range make it the ideal material for wall and ceiling coverage.

Manufactured from either PVC or PET-g, cladding is a lightweight alternative to traditional materials such as tiles. It is easy to handle, cut and bond, making installation straightforward. Its moisture and chemical resistance ensure that it continues to perform as a hygienic internal cladding material in even the most challenging of environments.

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# Why use Hygienic Cladding?

Brett Martin's cladding range is ideal for transforming interior walls and ceilings into even, easily cleaned surfaces, impervious to the ingress of dirt. Cladding is used for a variety of reasons relating to aesthetics, cost, maintenance and hygiene.



## Hygiene



- Quick and easy to clean
- Anti-microbial product available

## Improving Aesthetics



- No grout to keep clean
- Can be printed with decorative effects

## Easy Installation



- Quick and simple to install
- Leaves surface without crevices

## Lower Maintenance



- Will not develop mould or rot
- Good resistance to scratches or dents



# Material Benefits

The longevity and ease of installation, combined with resistance to water, chemicals and bacteria make cladding an excellent choice for internal wall and ceiling coverings.

## Features & Benefits



### Tough and durable

A hard surface resistant to cracking, splitting and abrasion, maintaining a hygienically smooth cleanable surface.



### Excellent fire performance

Cladding, and in particular PET-g cladding, has excellent fire performance properties, please contact the Technical Department of Brett Martin for details.



### Water resistant

It is well suited for use in cladding applications which are subject to high levels of condensation such as bathrooms and kitchens.



### Ease of installation

Lighter than traditional wall coverings such as tiles, cladding is easy to transport, handle and install. It requires only standard tools for cutting and drilling. Flat sheets are easily bonded to substrates.



### Hygienic, smooth, easy clean surface

The smooth continuous surface is stain-resistant and very easy to wipe clean. Cladding products have excellent chemical resistance and can be cleaned with typical non-abrasive cleaning products and disinfectants.



### Anti-bacterial

Silver ions are incorporated into the Marvec FS Antimicrobial formulation to add to the inherent antimicrobial activity of the Marvec range. The action of the silver ions inhibits the growth of bacteria on the sheet. Marvec FS Antimicrobial has been tested to ISO 22196. Laser tracking guarantees that your sheet incorporates this technology.

# Cladding Applications

The cladding range offers a practical solution across a wide range of cladding applications:

1

## Health Care Facilities

Hospitals, surgical theatres, dentists, GP practices, vets, laboratories.



2

## Food Hygiene

Abattoirs, food production areas, residential and commercial kitchens, fast food outlets.



3

## Manufacturing

Clean rooms, laboratories and test facilities.



4

## Retail & Leisure

Bathrooms and toilets, changing facilities.



5

## Other

Residential bathrooms and wetrooms, marine fit out, agricultural sheds.



## CLADDING RANGE

### Marvec FS | Marvec FS Bio

Flat Hygienic PVC Wall Cladding

PRODUCT RANGE		
	Colour	White
1220* x 2440	2.5mm	2, 2.5 mm
1220* x 3050	2.5mm	2, 2.5 mm

\*1500mm width available on request. Minimum order quantities may apply. Other thicknesses may be available on request.

#### DESCRIPTION

- Flat solid PVC wall cladding
- Satin finish as standard
- Gloss and embossed finish available on request



### Marvec FS Antimicrobial



Flat Antimicrobial Hygienic PVC Wall Cladding

PRODUCT RANGE		
	Colour	White
1220* x 2440	2.5mm	2, 2.5 mm
1220* x 3050	2.5mm	2, 2.5 mm

\*1500mm width available on request. Minimum order quantities may apply. Other thicknesses may be available on request.

#### DESCRIPTION

- Flat solid PVC wall cladding
- Tested to ISO 22196
- Satin finish as standard
- Gloss and embossed finish available on request

### Marvec FS Ultra

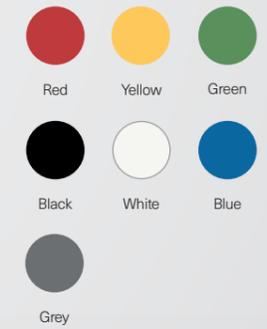
Flat Gloss Hygienic PVC Wall Cladding

PRODUCT RANGE		
	Colour	White
1220* x 2440	3, 5mm	3, 5mm
1220* x 3050	-	3, 5mm

#### DESCRIPTION

- Flat foam PVC wall cladding
- Single solid skin

\*Other colours subject to request. Minimum order quantities may apply.



### Marpet-g FS Cladding

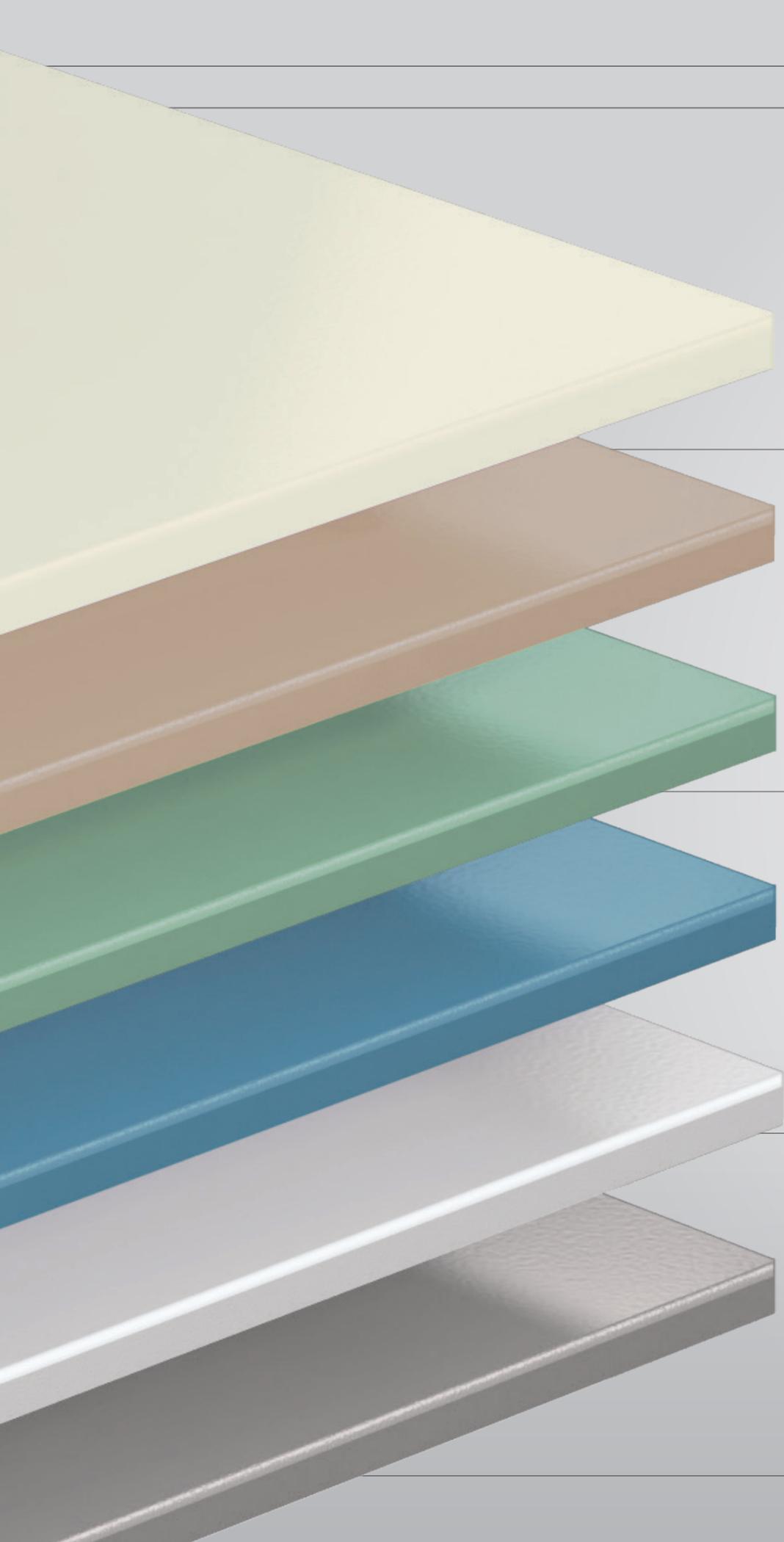
Flat Solid PET-g Wall Cladding

PRODUCT RANGE	
1220* x 2440	1.5mm
1220* x 3050	1.5mm

\*Subject to request. Minimum order quantities may apply.

#### DESCRIPTION

- Flat solid PET-g wall cladding
- Embossed finish available on request
- Gloss as standard





# Marvec FS

## Flat Hygienic PVC Wall Cladding

Marvec FS is a solid PVC wall cladding sheet. Its surface is impervious to dirt and easy to clean with most non-abrasive cleaning agents. It is lightweight and easy to handle, cut and install.

### Applications

- Internal cladding
- Clean rooms
- Kitchens
- WCs
- Changing facilities
- Agricultural applications

### Benefits

- Premium aesthetic
- Easy to handle and install
- Easy to clean
- Stain resistant
- Corrosion free
- Resistant to cracking and splitting
- Low maintenance
- Suitable for high condensation areas
- Suitable for use in a wide range of temperatures
- Fire rating - classified for internal use
- Suitable for medium term outdoor use

Product Range	White	Colour
Sheet size (mm)		
1220* x 2440	2, 2.5mm	2.5 mm
1220* x 3050	2, 2.5mm	2.5 mm

\*1500mm width available on request. minimum quantities may apply. Other thicknesses may be available on request.

Installation accessories available.

\*\*Gloss and embossed finish available on request. Minimum order quantities apply.

### Product Features

- Satin finish as standard\*\*
- Lightweight
- Tough and durable, resistant to dents and scratches
- Smooth surface
- Water and moisture resistant
- Chemical resistant
- Non porous
- Easily bonded to substrates or surfaces
- Excellent fire performance
- Service temperature from -20°C up to 60°C
- Moisture resistant
- 100% recyclable





# Marvec FS Bio

**20% REDUCED CARBON FOOTPRINT**

## Flat Bio-Based Hygienic PVC Wall Cladding

Marvec FS Bio is a reduced carbon, solid PVC wall cladding sheet. Made with bio-attributed PVC it maintains all the features of traditional hygienic cladding, allowing architects and installers to make more sustainable choices without compromising on finish, hygiene, durability or ease of installation.

### Applications

- Internal cladding
- Clean rooms
- Kitchens
- WCs
- Changing facilities
- Agricultural applications

### Benefits

- Premium aesthetic
- Easy to handle and install
- Easy to clean
- Stain resistant
- Corrosion free
- Resistant to cracking and splitting
- Low maintenance
- Suitable for high condensation areas
- Suitable for use in a wide range of temperatures
- Fire rating - classified for internal use
- Suitable for medium term outdoor use

Product Range	White	Colour
Sheet size (mm)		
1220* x 2440	2, 2.5mm	2.5mm
1220* x 3050	2, 2.5mm	2.5mm

\*1500mm width available on request. Minimum order quantities may apply. Other thicknesses may be available on request.

Installation accessories available.

\*\* Gloss and embossed finish available on request. Minimum order quantities apply.

### Product Features

- Made with 25% bio-attributed resin
- Satin finish as standard\*\*
- Lightweight
- Tough and durable, resistant to dents and scratches
- Smooth surface
- Water and moisture resistant
- Chemical resistant
- Non porous
- Easily bonded to substrates or surfaces
- Excellent fire performance
- Service temperature from -20°C up to 60°C
- Moisture resistant
- 100% recyclable



Silver ion technology used in Marvec FS Antimicrobial cladding sheets is trackable with an infrared laser, providing full confidence your sheet contains the active ingredient to inhibit microbe growth.



# Marvec FS Antimicrobial



## Flat Antimicrobial Hygienic PVC Wall Cladding

Marvec FS Antimicrobial is a flat hygienic PVC wall cladding sheet, suitable for use in many settings including hospital and medical facilities, laboratories, food production areas and hygienically demanding non-food contact applications which require its antimicrobial action.

### Applications

- Hospitals and medical facilities
- Surgical theatres
- Dentists
- Laboratories
- Food production areas
- Agricultural applications

### Benefits

- Suitable for hygienic applications
- Protection maintained on worn or scratched surfaces or cut edges
- Retains the antimicrobial properties after fabrication
- Easy to handle and install
- Easy to clean
- Withstands frequent cleaning
- Stain resistant
- Corrosion free
- Resistant to cracking and splitting
- Low maintenance
- Suitable for high condensation areas
- Suitable for use in a wide range of temperatures
- Fire rating - available on request

Product Range	White	Colour
Sheet size (mm)		
1220* x 2440	2, 2.5mm	2.5mm
1220* x 3050	2, 2.5mm	2.5mm

\*1500mm width available on request. Minimum order quantities may apply. Other thicknesses may be available on request.

Installation accessories available. All installation accessories come with anti-bacterial properties as standard.

\*\*Gloss and embossed finish available on request. Minimum order quantities apply.

### Product Features

- Tested to ISO 22196
- Active anti-microbial formulation based on silver ions
- Biostatic – inhibits the growth of bacteria
- Long lasting effect
- Satin finish as standard\*\*
- Lightweight
- Tough and durable, resistant to dents and scratches
- Smooth surface
- Water and moisture resistant
- Chemical resistant
- Non porous
- Easily bonded to substrates or surfaces
- Excellent fire performance
- Service temperature from -20°C up to 60°C
- 100% recyclable



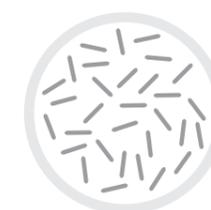


# How does Marvec FS Antimicrobial work?

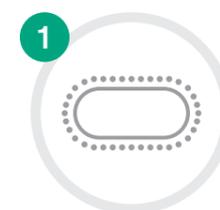
The antibacterial active ingredient in Marvec FS Antimicrobial is a silver glass matrix providing dual biostatic and biocidal action which inhibits the growth of microbes by 99.99%.

Silver ions are incorporated in the PVC mixture before the extrusion process, improving the inherent antimicrobial properties of flat PVC sheet. The sheet now proactively disrupts and inhibits the growth of microorganisms on contact.

As the matrix is evenly distributed throughout the sheet, the effectiveness of the material is maintained, even if the surface becomes worn or scratched.



Bacteria land on a Biomaster Surface



Biomaster binds to the cell wall disrupting growth



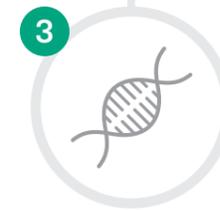
The bacteria can't survive



The Biomaster ions interfere with enzyme production stopping the cell producing energy



Double product protection



Biomaster interrupts the cell's DNA preventing replication



# Marvec FS Ultra

## Flat Gloss Hygienic PVC Wall Cladding

A durable, flat foam PVC sheet with a premium high gloss finish, Marvec FS Ultra is suitable for a range of interior cladding applications.

### Applications

- Internal cladding
- Clean rooms
- Kitchens
- WCs
- Bathroom cladding
- Shower enclosure walls
- Changing facilities

### Benefits

- Cost effective option
- Easy to handle and install
- Easy to clean
- Stain resistant
- Corrosion free
- Resistant to cracking and splitting
- Low maintenance
- Suitable for high condensation areas
- Suitable for use in a wide range of temperatures
- Fire-rating - available on request

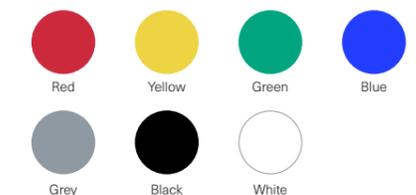
Sheet size (mm)	Thickness (Colour)	Thickness (White)
1220* x 2440	3, 5mm	3, 5mm
1220* x 3050	-	3, 5mm

\*Minimum order quantities may apply.  
Please contact Brett Martin for further information.

| Installation accessories available.

### Product Features

- Co-extruded high gloss surface
- Range of colours
- Lightweight
- Smooth surface
- Water and moisture resistant
- Chemical resistant
- Non porous
- Easily bonded to substrates or surfaces
- Excellent fire performance
- Service temperature from -20°C up to 60°C
- 100% recyclable





# Marpet-g FS Cladding

## Flat Solid PET-g Wall Cladding

A durable, flat PET-g cladding sheet with a premium finish. Marpet-g FS Cladding offers superior fire performance and impact resistance. It is lightweight, easy to handle, cut and 100% recyclable. Also available in a robust embossed finish.

### Applications - Internal Use

- Clean rooms
- Kitchens
- WCs
- Bathroom cladding
- Shower enclosure walls
- Changing facilities

### Benefits

- Lightweight
- PVC Free
- Easy to handle and install
- Easy to clean
- Stain resistant
- Resistant to cracking and splitting
- Low maintenance
- Suitable for high condensation areas
- Suitable for use in a wide range of temperatures
- Fire-rating - available on request

Sheet size (mm)	Thickness
1220* x 2440	1.5mm
1220* x 3050	1.5mm

Installation accessories available.

\*\*Embossed finish available on request. Minimum order quantities apply.

\*Minimum order quantities may apply. Please contact Brett Martin for further information.

### Product Features

- Good strength to weight ratio
- Impact resistance
- Durability
- Chemically resistance
- Recyclable
- Low maintenance
- Easy to handle and install
- Easy to clean
- Excellent fire performance
- Suitable for use in a wide range of temperatures
- Internal use



# Accessories

Brett Martin has a range of accessories available, colour matched to Brett Martin's white material. The accessories are antimicrobial, so suitable for use with all the products in the hygienic cladding range.

## Profiles Available



**J**  
Horizontal - top and bottom



**F**  
External corner



**C**  
Inside corner



**1 Part H**



**2 Part H**



# Installation

In order to maintain consistency of appearance when fitting cladding:

- Ideally, on any project only use sheets from the same production batch
- Never mix sheets from different batches on the same wall
- Use sheets in the same orientation throughout

The recommended adhesive for installing PVC Cladding sheet is Polyurethane (PU) based to be applied to the back of the cladding sheet. In most situations, one 300ml cartridge of PU based adhesive per 2400 x 1200 (8ft x 4ft) sheet is sufficient.

A watertight seal can be achieved between sheets using either hot welding or the use of PVC profiles.

FULL INSTALLATION GUIDE AVAILABLE ONLINE AND BY REQUEST.



# Material Properties

## Marvec FS

## Marvec FS Antimicrobial

## Marvec FS Bio

Property	Standard	Value	Unit
Sheet weight at 3mm	-	4.26	kg/m <sup>2</sup>
U-value at 3mm	ISO 6946	5.88	W/m <sup>2</sup> K
Thermal Expansion	ISO 11359-2	0.068	mm/m°C
Vicat Softening Point	ISO 75-2	>70	°C
Shore Hardness	ISO 868	>60	-
Service Temperature	-	-20 to +60	°C

## Marvec FS Ultra

Property	Standard	Value	Unit
Sheet weight at 3mm	-	2.48	kg/m <sup>2</sup>
U-value at 3mm	ISO 6946	4.8	W/m <sup>2</sup> K
Thermal Expansion	ISO 11359-2	0.068	mm/m°C
Vicat Softening Point	ISO 75-2	>70	°C
Shore Hardness	ISO 868	>50	-
Service Temperature	-	-20 to +60	°C

## Marpet-g FS Cladding

Property	Standard	Value	Unit
Sheet weight at 1.5mm	-	1.9	kg/m <sup>2</sup>
U-value at 1.5mm	ISO 6946	5.64	W/m <sup>2</sup> K
Thermal Expansion	ISO 11359-2	0.065	mm/m°C
Vicat Softening Point	ISO 75-2	>75	°C
Shore Hardness	ISO 868	70	-
Service Temperature	-	-20 to +60	°C



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