



Plastic Sheets for Cladding

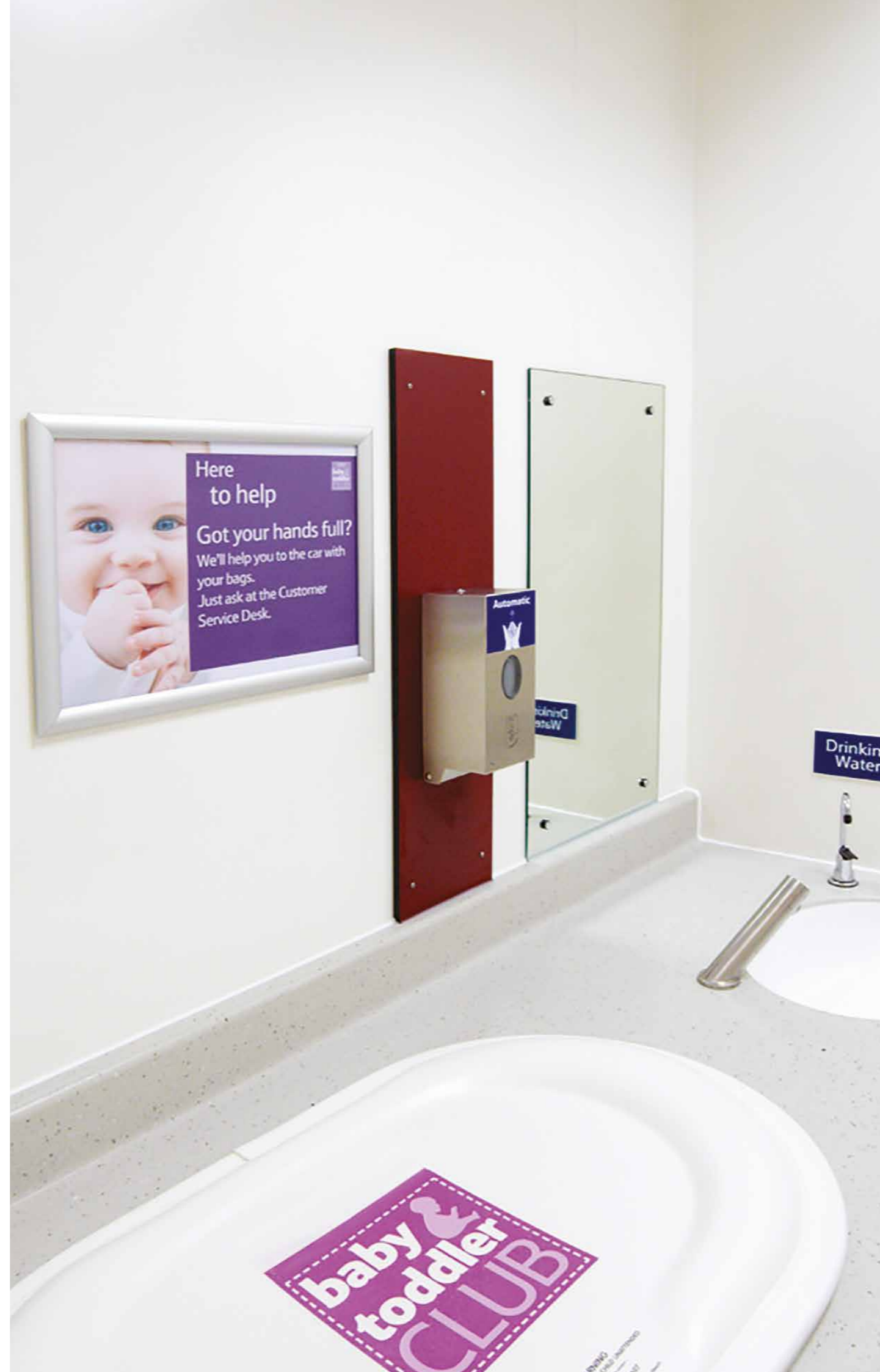
Hygienic Cladding

The smooth, easy clean and durable surface of the Marvec FS range make it the ideal cladding material for walls and ceilings.

Manufactured from PVC, Marvec 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 Marvec continues to perform as a hygienic internal cladding material in even the most challenging of environments.

CONTENTS

- 02 Intro
- 04 Why use PVC cladding?
- 06 Material Benefits
- 08 Marvec Applications
- 10 Marvec Range
- 12 Marvec FS
- 14 Marvec FS Ultra
- 16 Marvec FS AM
- 18 Accessories
- 18 Installation
- 19 Material Properties

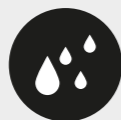


Why use PVC Cladding?

Brett Martin's Marvec FS range is ideal for use as PVC cladding, transforming interior walls and ceilings into even, easily cleaned surfaces, impervious to the ingress of dirt. PVC 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

Lower cost



- Cheaper and quicker than tiling
- Low maintenance costs

Lower maintenance



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



Material Benefits

Marvec's longevity and ease of installation, combined with its resistance to water, chemicals and bacteria make it an excellent choice for internal wall and ceiling coverings.

Features & Benefits



Tough and durable

Marvec's hard surface is resistant to cracking, splitting and abrasion, maintaining a hygienically smooth cleanable surface.



Hygienic, smooth, easy clean surface

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



Water resistant

Marvec cladding provides a water resistant barrier and will not rust or corrode. It is highly suitable for use in cladding applications which are subject to high levels of condensation such as bathrooms and kitchens.



Anti-bacterial

Silver ions are incorporated into Marvec FS AM's formulation to add to the inherent antimicrobial activity of the Marvec range. The action of the silver ions inhibits the spread of bacteria as well as killing bacteria on the sheet. Marvec FS AM has been tested to ISO 22196 (JIS Z 2801).



Ease of installation

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



Excellent fire performance

Marvec has excellent fire performance properties, please contact the Technical Department of Brett Martin for details.

Marvec Applications

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

1

Health

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.



MARVEC RANGE

Marvec FS

Flat PVC wall and ceiling cladding

PRODUCT RANGE

1220* x 2440	1.35, 1.5, 1.8, 2, 2.5, 2.7, 3mm
1220* x 3050	1.35, 1.5, 1.8, 2, 2.5, 2.7, 3mm

*1500mm width available on request. Minimum order quantities may apply.
**Matt finish available on request. Minimum order quantities apply.



White

DESCRIPTION

- Flat solid PVC wall and ceiling cladding
- Satin finish**

Marvec FS Ultra

Gloss foam PVC wall and ceiling cladding

PRODUCT RANGE

	Colour	White
1220 x 2440	3, 5mm	3, 5mm
1220 x 3050	-	3, 5mm



Red



Yellow



Green



Blue



Grey



Black



White

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

DESCRIPTION

- Flat foam PVC wall and ceiling cladding

Marvec FS AM

Hygienic PVC wall and ceiling cladding

PRODUCT RANGE

1220* x 2440	1.35, 1.5, 1.8, 2, 2.5, 2.7, 3mm
1220* x 3050	1.35, 1.5, 1.8, 2, 2.5, 2.7, 3mm

*1500mm width available on request. Minimum order quantities may apply.
**Matt finish available on request. Minimum order quantities apply.



White

DESCRIPTION

- Hygienic solid PVC wall and ceiling cladding
- Tested to ISO 22196
- Satin finish**



Marvec FS

Flat PVC Wall & Ceiling Cladding

Marvec FS is a solid PVC wall and ceiling 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
- Does not absorb any microbial material
- 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

Sheet size (mm)	Thickness
1220* x 2440	1.35, 1.5, 1.8, 2, 2.5, 2.7, 3mm
1220* x 3050	1.35, 1.5, 1.8, 2, 2.5, 2.7, 3mm

*1500mm width available on request. Minimum order quantities may apply

Installation accessories available.

**Matt 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



White



Marvec FS Ultra

Gloss Foam PVC Wall & Ceiling Cladding

A durable, rigid foam PVC flat 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
- Does not absorb any microbial material
- 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 - can be specified indoors

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

*Subject to request. 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
- Lighter weight
- 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





Marvec FS AM

Hygienic PVC Wall & Ceiling Cladding

Marvec FS AM is an antimicrobial hygienic wall and ceiling 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 anti-microbial properties after fabrication
- Easy to handle and install
- Easy to clean
- Withstands frequent cleaning
- Does not absorb any microbial material
- 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

Sheet size (mm)	Thickness
1220* x 2440	1.35, 1.5, 1.8, 2, 2.5, 2.7, 3mm
1220* x 3050	1.35, 1.5, 1.8, 2, 2.5, 2.7, 3mm

*1500mm width available on request. Minimum order quantities may apply.

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

**Matt 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
- Biocidal – kills 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



White



How does Marvec FS AM work?

The antibacterial active ingredient in Marvec FS AM is a silver glass matrix providing dual biostatic and biocidal action which inhibits the spread of bacteria as well as killing bacteria on the sheet.

Silver ions are incorporated into the PVC mixture before the extrusion process, improving the inherent anti-microbial properties of rigid PVC sheet. The sheet now kills a variety of microorganisms on contact and prevents growth.

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



Accessories

Brett Martin has a range of accessories available, colour matched to Brett Martin's white material. The accessories are anti-microbial, so suitable for use with all the products in the Marvec Cladding range.

Profiles Available



J
Horizontal - top and bottom



F
External corner



C
Inside corner



H
Vertical - left and right of sheets



H
Profile can be one or two piece



Installation

In order to maintain consistency of appearance when fitting Marvec 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) to be applied to the back of the cladding sheet. In most situations, one 300ml cartridge of PU 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.



Material Properties

**Marvec
FS**

**Marvec
FS AM**

**Marvec
FS Ultra**

Property	Standard	Value	Unit
Sheet weight at 3mm	-	4.26	kg/m ³
U-value at 1mm	ISO 6946	5.7	W/m ² K
Thermal Expansion	ISO 11359-2	0.068	mm/m°C
Vicat Softening Point	ISO 75-2	>70	°C
Shore Hardness	ISO 868	>70	-
Service Temperature	-	-20 to +60	°C

Property	Standard	Value	Unit
Sheet weight at 3mm	-	2.61	kg/m ³
U-value at 3mm	ISO 6946	4.8	W/m ² K
Thermal Expansion	ISO 11359-2	0.068	mm/m°C
Vicat Softening Point	ISO 75-2	>60	°C
Shore Hardness	ISO 868	>50	-
Service Temperature	-	-20 to +60	°C



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