



marvecfs

FLAT PVC WALL AND CEILING CLADDING

Marvec FS is a high quality rigid solid PVC flat sheet. Available in white it is suitable as an internal wall or ceiling cladding especially in premium commercial applications as it has a wide range of advantageous properties. It is unaffected by moisture, its hard surface offers high impact resistance and is perfect for disguising marks and scratches, the surface is impervious to dirt and grime ensuring that it is easy to clean and looks good for longer.

OPTIONS

Colour	White	
Finish	Matt/Gloss	Satin/Gloss
Thickness	0.9-3.0mm	
Sheet sizes	Maximum - 1220mm wide	

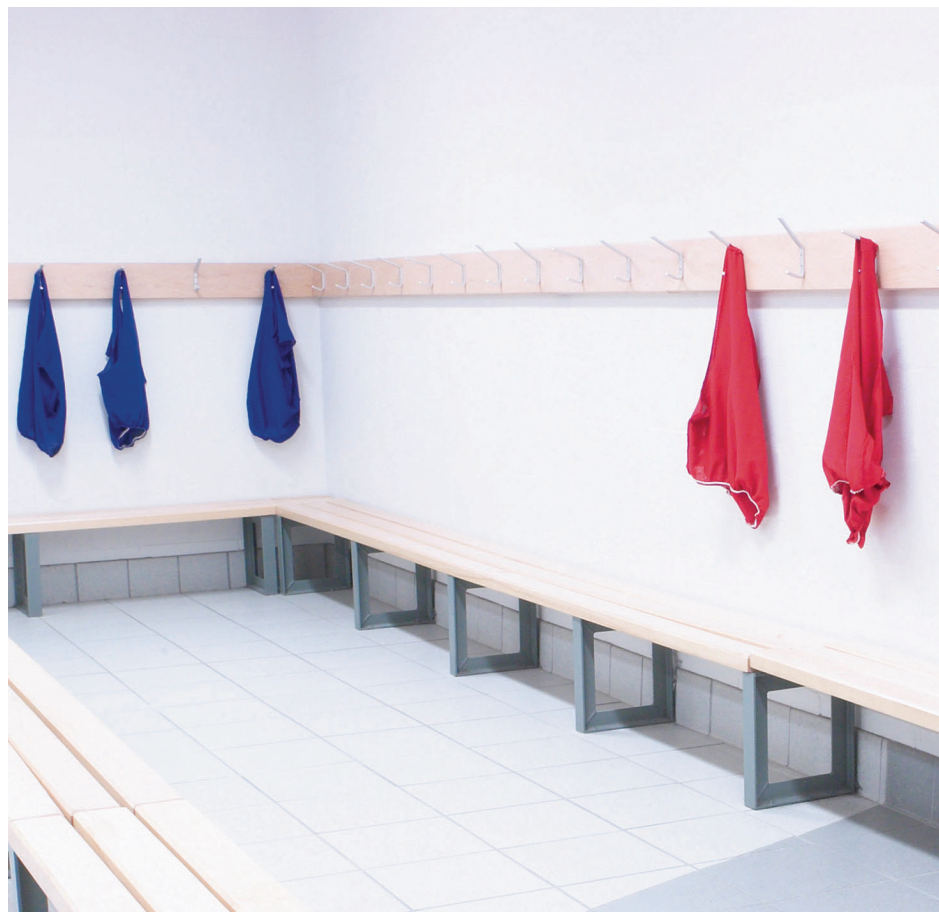
MAIN BENEFITS

- Satin or matt surface finish
- Easily cleaned
- Light weight, easy to transport, handle and install
- Low maintenance
- Moisture resistant
- Robust and durable
- Easily bonded to substrates
- Excellent chemical resistance
- Corrosion free
- Excellent fire performance
- Non porous – does not absorb retain any microbial material

- Cladding for changing rooms
- Cladding for kitchens, food storage areas
- WC's, bathrooms and shower rooms
- Clean rooms
- Food preparation and processing areas
- Swimming pools and leisure facilities
- Signage
- Not suitable for food contact uses



Plastic Sheets



PROPERTIES	VALUE
Specific Gravity	1.38-1.42
Vicat softening point: DIN 53460	65-68°C
Thermal Conductivity: DIN 52612	0.15 W/mK@1mm
Thermal Expansion Coefficient: DIN 53752	0.067mm/m°C
Falling dart impact strength (3mm sheet)	93-96J
Shore Hardness: DIN 53505	60
Tensile strength at yield: DIN 53455	50-55MPa
Elongation at yield: DIN 53455	3%
Tensile strength at break: DIN 53455	48-54MPa
Elongation at break: DIN 53455	130-150%
Flexural strength: DIN 53452	78-82MPa
Flexural modulus	2,600-2800MPa
Modulus of elasticity: DIN 53457	2,800-3,000MPa

CHEMICAL RESISTANCE

Marvec FS has excellent resistance to most chemicals including dilute acids and alkalis, alcohols, glycols, atmospheric pollutants and most cleaning solutions. Contact with solvents and wet wood preservatives should be avoided. It does not corrode or rot and is not attacked by pests.

SERVICE TEMPERATURE

The service temperature range of Marvec FS is -20°C to +60°C. Greater care should be taken when working with PVC sheet at lower temperatures: PVC is less resistant to impact damage at lower temperatures. It should not be installed near heat sources such as cookers and heating boilers as these could cause distortion and damage.

CLEANING

Non abrasive cleaning solutions are suitable for cleaning Marvec FS.

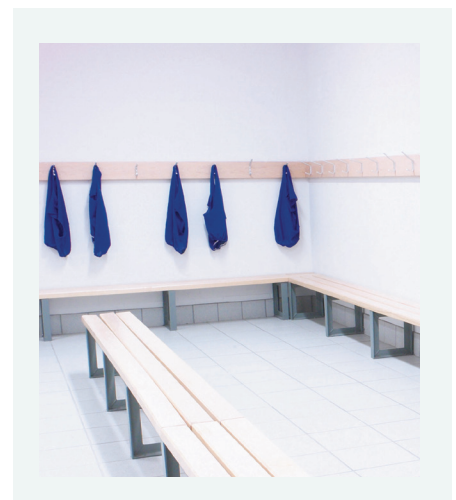
INSTALLATION GUIDANCE

It is essential to maintain consistency of appearance when fitting Marvec FS. This is best achieved when:

- Ideally, on any project only sheets from the same production batch are used.
- Otherwise never mix sheets from different batches on the same wall.
- Use sheets in the same orientation throughout. As a guide the text on branded protective film should always be the same way up. Where the protective film is unprinted, the same end of every sheet on a pallet or bundle should be fitted at floor level.

PRODUCT RANGE

PRODUCT	PRODUCT DESCRIPTION
Marvec CS Premium	Premium Corrugated PVC Sheet
Marvec CS Hi Impact	Hi Impact Corrugated PVC Sheet
Marvec CS Standard	Economical Corrugated PVC Sheet
Marvec CS Agri	Agricultural Lining Sheet
Marvec CSF	Corrugated Foam PVC Sheet
Marvec Roll	Bulk PVC Roll
Marvec FS	Flat PVC Sheet
Marvec FS Ultra	Gloss PVC Cladding
Marvec FS Bio	Hygienic PVC Cladding



FIRE PERFORMANCE

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



Marvec PVC sheet range is available in a choice of corrugated and flat options for use in a wide range of rooflights or cladding applications. Visit the website for further details.



Plastic Sheets

Tel +353 1 801 0022
sales@accessplastics.com

www.accessplastics.com

All reasonable care has been taken in the compilation of the information contained within this literature. All recommendations on the use of our products are made without guarantee as conditions of use are beyond the control of Access Plastics. It is the customer's responsibility to ensure that the product is fit for its intended purpose and that the actual conditions of use are suitable. Access Plastics pursues a policy of continuous product development and reserves the right to amend specifications without prior notice. The photographs used are for illustration purposes only and simply indicate possible uses of Marvec PVC sheet. Marvec is a registered trademark of Brett Martin Ltd.