

Roof Trim System



Rainwater System



Cladding System

Freefoam for Trade

About Freefoam

Freefoam is a leading manufacturer of a wide range of innovative PVC-U and PVC-UE roofline, rainwater and cladding products for the building industry in Ireland, the UK and Mainland Europe.

Freefoam began manufacturing in Cork, Ireland in 1990, and has grown into a multinational organisation operating from further sites in the UK, Belgium, France and Germany, Freefoam is proud to still be a wholly independently owned company today.

Freefoam offers a comprehensive range of products in a wide variety of profiles in White, Colour and Renolit foil finish.

The Construction Products Regulation

Declaration of Performance Documents are available for all relevant Freefoam Products. Contact Freefoam or visit www.freefoam.ie for further information.



Freefoam CAD Library

You can download most of the Freefoam product range from our website.



Technical Guidance Documents and Freefoam Products

When installed in accordance with Freefoam installation guidelines and in accordance with good practice Freefoam Building Products will meet the relevant requirements of the Building Regulations. For further information on Freefoam Products and Building Regulations compliance or for any technical queries regarding Freefoam Products contact our Technical Department.

Freefoam Product Quality Control

All our products are manufactured to an exceptionally high standard in accordance with the internationally recognised ISO 9001 Quality Management System.



Freefoam Industry Leading Guarantees

Freefoam has made a life-long company commitment to make and guarantee long life products through refining technical and manufacturing resources and the cumulative experience of product performance over many years.



50 Year Lifetime Extended Guarantees

Freefoam offers an extended 50 year Lifetime transferable guarantee on all white profiles in addition to the standard 20 year guarantee. The extended guarantee is available on roofline and rainwater installation projects, where only the Freefoam brand is used and fitted, and registered online by a Freefoam Registered Installer.

20 Year Standard Guarantees

All white Freefoam products are automatically covered by its standard 20 year guarantee. Products are guaranteed not to warp, crack, discolour or blister and provide resistance to air pollution. This level of protection can simply be extended to the industry leading Lifetime Guarantee.

The Freefoam Product Range

Freefoam's extensive Product Range includes a complete roofline system, a rainwater system and a diverse range of external cladding profiles in a wide range of profiles and colour options.

Freefoam Product Samples

Samples of all our products are available for delivery free of charge. Contact us to arrange a sample.

Freefoam Depots

The entire Freefoam Product Range can be sourced by the trade directly from our Freefoam depots in Rathcoole Dublin, Clonsaugh Dublin, Cork and Galway with a vast proportion in stock and the remainder available to order.

Colour

The Freefoam colour range of fascia, soffit, cladding and rainwater products is eligible for a 10 Year Guarantee which is unique in the roofline industry. Backed by Freefoam's own innovative Colormax® technology.



Roof Trim System

The Freefoam PVC-U/PVC-UE Roof Trim Range is a fully integrated, ultra low maintenance system which has been Agrément Certified since 1999*.

A wide range of style and colours to meet a variety of specification and market demands available with matching corners, joiners and end caps for the complete roofline system. Freefoam also offers a selection of accessories such as decorative mouldings and finials to add that final touch of style.

- Wide range of profiles and colours
- Full range of trims and accessories
- Quick and easy to install
- Virtually maintenance free



Technical Queries

The Freefoam Technical and Specification Manual contains detailed installation guidelines.

Call 01604 591110 in the UK or 021 496 6311 in Ireland

to arrange a copy or to discuss any aspect of the installation. Alternatively email: info@freefoam.com

*Agrément Certificate applies to White products only



Extended Guarantee



Freefoam products include a standard 20 year guarantee on all white products and a 10 year guarantee on all other colours. An extended 50 Year Lifetime Guarantee is available on all registered white installations. All guarantees are subject to terms and conditions (see www.myfreefoam.com for details).

COLORMAX
technology

Technical Performance

Resistance to Moisture Ingress

When installed in accordance with Freefoam instructions and good general practice the Freefoam roof trim system will provide adequate protection to the building from moisture in any weather conditions typical for the UK and Ireland.

When installed in accordance with Freefoam instructions and good general practice the Freefoam ventilation products will provide adequate eaves ventilation to the roofspace to conform with the relevant building regulations in UK and Ireland.

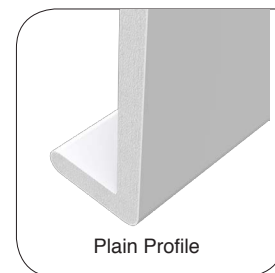
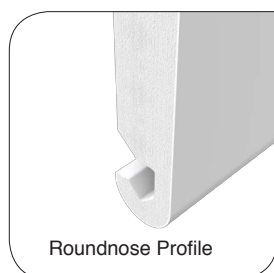
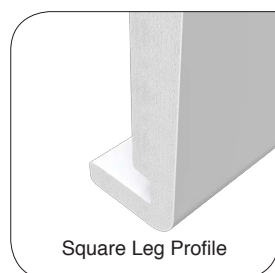
Durability

When installed in accordance with Freefoam instructions and general good practice the Freefoam roof trim system is able to withstand typical wind loads encountered in UK and Ireland and withstand impacts likely to occur during ordinary use.

Fascia Profiles

Freefoam fascias are available in a wide range of different profiles and thicknesses to suit all project types. Use the wide range of trims to ensure a neat and professional finish to your roofline every time.

Code	Description	White	Colour	Woodgrain
FO	10mm Ogee	•	•	•
FSO	7mm Slimline Ogee	•		
FMO	18mm Magnum Ogee	•		
FW	10mm Plain	•	•	•
FMS	18mm Magnum Square Leg	•	•	•
FMXS	25mm Magnum Xtra Square Leg	•		
FMR	18mm Magnum Roundnose	•		
FMXD	23mm Magnum Xtra Roundnose	•		



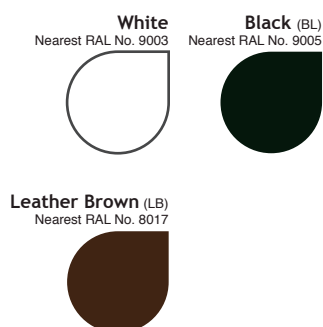
Roof Trim Colours and Woodgrains

Freefoam fascias and soffits are available in a diverse range of colours and Renolit woodgrains.

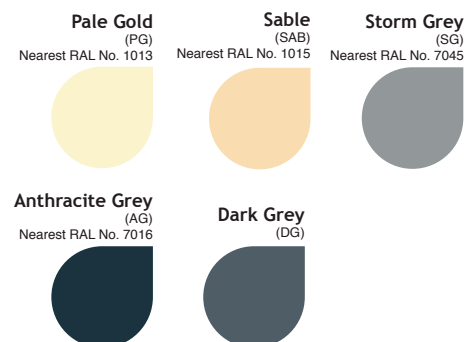
Woodgrain Range



Standard Colour Range



Extended Colour Range*



*Extended Colour Range may be subject to lead time

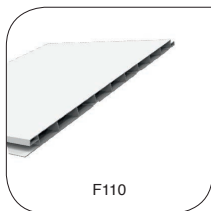
Hollow and Solid Soffits

A range of solid and hollow soffits, as well as pre-vented solid soffit boards to meet ventilation specification requirements for building regulations.

Code	Description	White	Colour	Woodgrain
F104	100mm Hollow Soffit, Single Plank	•		•
F110	250mm Flat Hollow Soffit	•		
F112	300mm Hollow Soffit, 3 Plank	•	•	•
GPB	General Purpose Board	•	•	•
GPBV	Vented General Purpose Board	•		•
GPBDV	Double Vented General Purpose Board	•		



F104



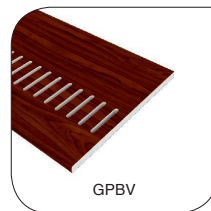
F110



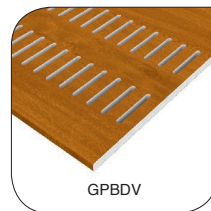
F112



GPB



GPBV



GPBDV

Roof Ventilation

Adequate eaves ventilation is a statutory requirement and is essential for preventing excess condensation in the roof space and interstitial condensation and helps to maintain the condition of the roof structure.

Freefoam provide a range of roof ventilation options to provide the required eaves ventilation from over fascia vents & vented soffits through to circular soffit vents.

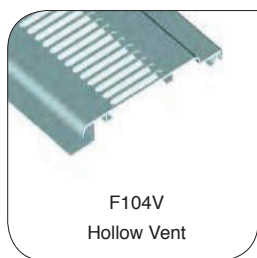
The statutory requirements for adequate eaves ventilation are set out in the following:

Ireland - Technical Guidance Document F: 2009

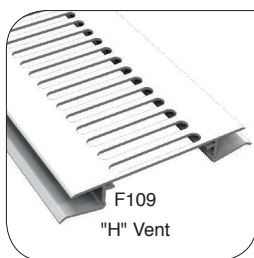
UK - Building Regulations Approved Document F2: 2010

25,000mm²/m Ventilators

(Equivalent to 25mm continuous Ventilation)



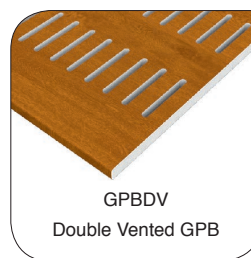
F104V
Hollow Vent



F109
"H" Vent



FVENT25
Over Fascia Vent



GPBDV
Double Vented GPB

10,000mm²/m Ventilators

(Equivalent to 10mm continuous Ventilation)



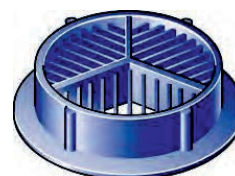
FVENT10
Over Fascia Vent



GPBV
Vented GPB

FCV Circular Vent

Insert FCV into existing or irregular soffit applications. To achieve the minimum required air gap of 10mm, Circular Soffits should be spaced at 200mm c/c.



Note: Install into a 70mm diameter hole



Freeflow Rainwater System

Freeflow is a range of innovative, high quality PVC-U rainwater systems.

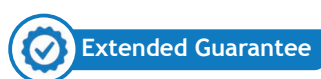
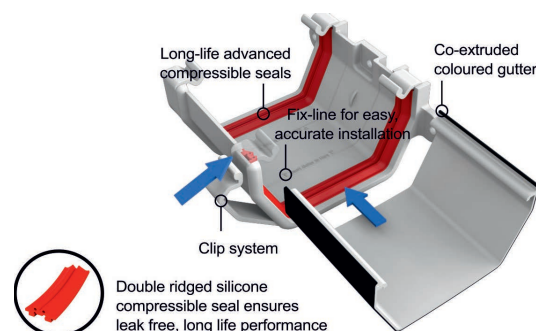
The Freeflow range has been designed to ensure both reliable, leak-free performance and quick installation and is available in a range of profiles and colours.

- Wide Range of profiles and colours
- Co-extruded to minimise Solar Expansion
- Double Ridged Compressible Seal to prevent leaks.
- Extensive Range of Accessories Available
- Market Leading Warranties Available
- Protective Film



The Freeflow Brochure contains detailed installation guidelines.
Call 01604 591110 in the UK or 021 496 6311 in Ireland
 to arrange a copy or to discuss any aspect of the installation.
 Alternatively email: info@freefoam.com

Freeflow®



Freeflow products include a standard 20 year guarantee on all white products and a 10 year guarantee on all other colours. An extended 50 Year Lifetime Guarantee is available on all registered white installations. All guarantees are subject to terms and conditions (see www.myfreefoam.com for details).

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Square Line Gutter System

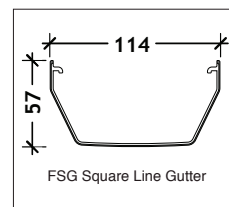


FSG400 & FSG500 4m & 5m Square Line Gutter (114mm/65mm)

BSEN 12200 (Downpipes and fittings)

BSEN 607 (Gutters and fittings)

BSEN 1462 (Eaves and brackets)



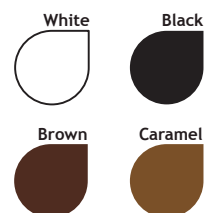
Flow Capacity of Square Line Gutter with central outlet

Level Gutter	1:600 Gradient
2.20 litres/sec	3.03 litres/sec

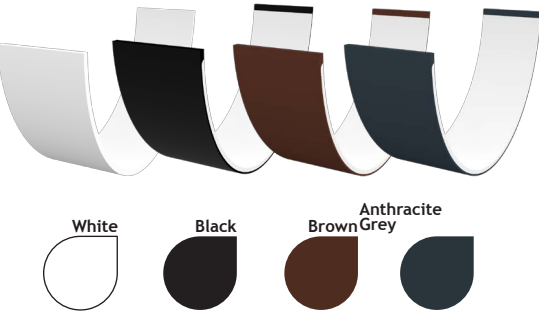
Flow Capacity of Square Line Gutter with outlet at end

Level Gutter	1:600 Gradient
1.10 litres/sec	1.55 litres/sec

Square Line Gutter Accessories

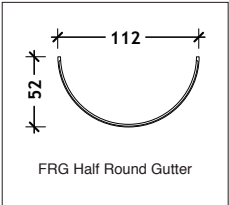


Half Round Gutter System



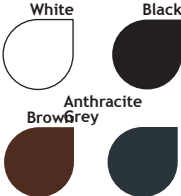
FRG400 & FRG500 4m & 5m Half Round Gutter
(114mm/65mm)

- BSEN 12200** (Downpipes and fittings)
- BSEN 607** (Gutters and fittings)
- BSEN 1462** (Eaves and brackets)
- BSEN 4576** (Half round gutters & pipes)



Flow Capacity of Half Round Gutter with central outlet	
Level Gutter	1:600 Gradient
2.20 litres/sec	3.03 litres/sec
Flow Capacity of Half Round Gutter with outlet at end	
Level Gutter	1:600 Gradient
1.10 litres/sec	1.55 litres/sec

Half Round Gutter Accessories

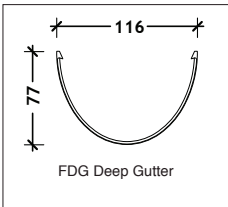


Deep Gutter System



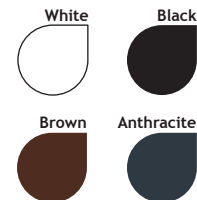
FDG400 4m Deep Gutter
(116mm/68mm)

- BSEN 12200** (Downpipes and fittings)
- BSEN 607** (Gutters and fittings)
- BSEN 1462** (Eaves and brackets)

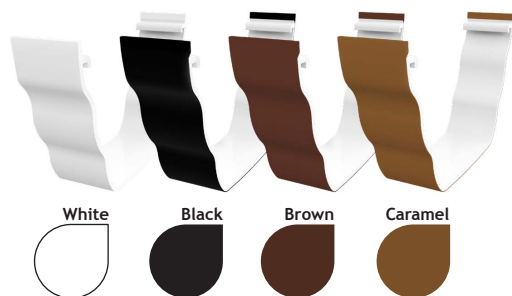


Flow Capacity of Deep Gutter with central outlet	
Level Gutter	1:600 Gradient
3.77 litres/sec	4.60 litres/sec
Flow Capacity of Deep Gutter with outlet at end	
Level Gutter	1:600 Gradient
1.87 litres/sec	2.29 litres/sec

Deep Gutter Accessories



Ogee Gutter System

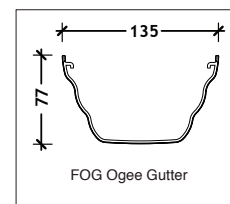


FOG400 4m Ogee Gutter
(114mm/65mm)

BSEN 12200 (Downpipes and fittings)

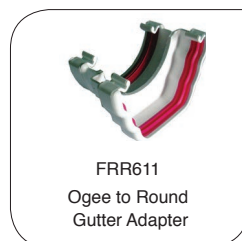
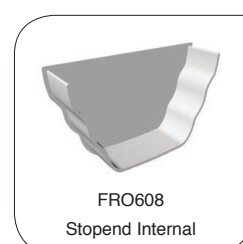
BSEN 607 (Gutters and fittings)

BSEN 1462 (Eaves and brackets)

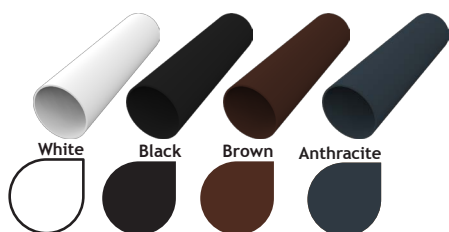


Flow Capacity of Ogee Gutter with central outlet	
Level Gutter	1:600 Gradient
3.90 litres/sec	4.76 litres/sec
Flow Capacity of Ogee Gutter with outlet at end	
Level Gutter	1:600 Gradient
1.92 litres/sec	2.36 litres/sec

Ogee Gutter Accessories



Round Pipe System

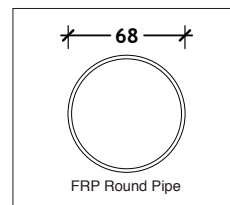


FRP275, FRP400 & FRP550 2.75m, 4m & 5.5m Round Pipe System
(68mm Dia.)

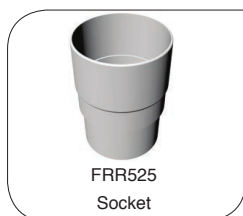
BSEN 12200 (Downpipes and fittings)

BSEN 607 (Gutters and fittings)

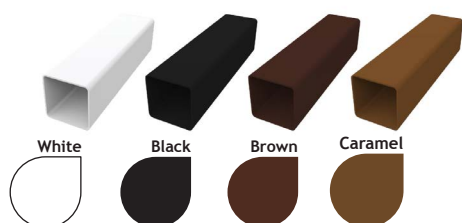
BSEN 1462 (Eaves and brackets)



Round Pipe Accessories



Square Pipe System

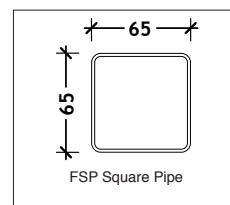


FSP275, FSP400 & FSP550 2.75m, 4m & 5.5m Round Pipe System
(65mm / 65mm)

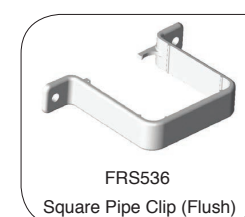
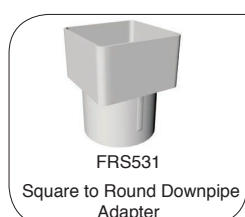
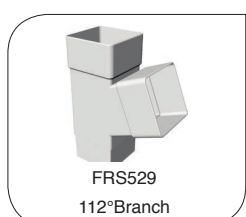
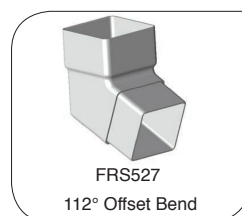
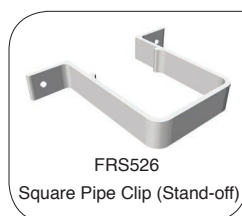
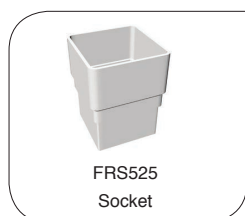
BSEN 12200 (Downpipes and fittings)

BSEN 607 (Gutters and fittings)

BSEN 1462 (Eaves and brackets)



Square Pipe Accessories



Cast Iron Rainwater System

The new Freeflow Cast Iron Style Rainwater System has been designed to provide the authentic look and feel of traditional cast iron rainwater systems with all the benefits of a modern, low-maintenance and fitter-friendly system.



FDG400CBL
4m Deep Gutter



FRG400CBL
4m Round Gutter



FRP275CBL
2.75m Round Pipe



FRP550CBL
5.50m Round Pipe

Round Cast Accessories



FRR602CBL
Union Bracket



FRR603CBL
90° Gutter Angle



FRR605CBL
Running Outlet



FRR606CBL
Stopend Outlet



FRR607CBL
Stopend - External

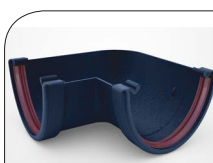


FRR609CBL
Fascia Bracket

Deep Cast Accessories



FDF602CBL
Deep Union Bracket



FDF603CBL
Deep 90° Bend



FDF604CBL
Deep 135° Bend



FDF605CBL
Deep Running Outlet



FDF607CBL
Deep External Stopend



FDF609CBL
Deep Fascia Bracket

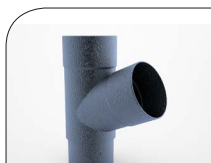
Round Pipe Cast Accessories



FRR527CBL
Round 112° Offset Bend



FRR528CBL
Round Shoe



FRR529CBL
112° Branch



FRR534CBL
Round Pipe Clip
Stand Off



FRR535CBL
Round Joiner

See page 8 for flow rates of round and deep gutters.



Freefoam Cladding Systems

Freefoam manufacture a versatile range of cladding systems.

Low maintenance and ease of installation combine with a richly varied colour palette and numerous textures and finishes to provide an impressively varied choice of cladding solutions to suit all project types.

- Wide range of profiles and colours
- Quick and easy to install
- Ideal for external insulation
- Full range of trims and accessories
- Virtually maintenance free



Technical Queries

The Fortex, Fortex Clic and X-Wood Brochures contains detailed installation guidelines.

Call 01604 591110 in the UK or 021 496 6311 in Ireland

to arrange a copy or to discuss any aspect of the installation.
Alternatively email: info@freefoam.com



Extended Guarantee

Fortex White products are guaranteed for 20 years as standard.
Fortex Colour Products are guaranteed for 10 years and are backed by Freefoams unique Colormax technology.

COLORMAX
technology

Technical Performance

Wind Performance

All Freefoam cladding products have been independently wind tested. When installed in accordance with Freefoam installation instructions our cladding will withstand wind conditions in the UK and Ireland

Fire Performance


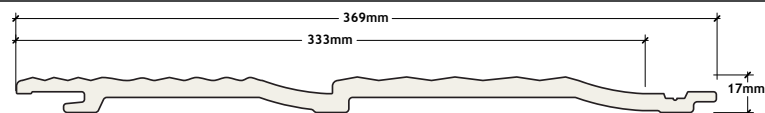
When tested to BS 476-6 : 1989, the cladding material achieved a fire propagation index (I) of 14.3 with a sub-index of (i1) of 6.5. When tested in accordance with BS 476-7 : 1997, the material achieved a Class 1Y rating.

Resistance to Weather

When used with an appropriate breather membrane all Freefoam cladding systems will provide a weather proof barrier sufficient to withstand the weather conditions expected in UK and Ireland.


Thermal Performance

For the purposes of U-value calculations the cavity between the system and the wall should be treated as a 'well ventilated' air layer and the thermal insulating value of the cavity and everything between it and the external environment should be taken as equivalent to a still air layer, ie a total of $0.13 \text{ m}^2 \cdot \text{K} \cdot \text{W}^{-1}$.





FCD333E Double Plank Cladding

Material	Embossed Cellular PVC	Thickness	17mm	Length	5m plank
Width	369mm total / 333mm lap	Weight	1.57Kg/M ¹ ±5% (7.85Kg/Plank)	Coverage	3.33m ² /Pack (1.66m ² /Plank)



FCD333E Double Plank



FCD210E Butt Joint

White

Pale Gold

Sand

Argyl Brown


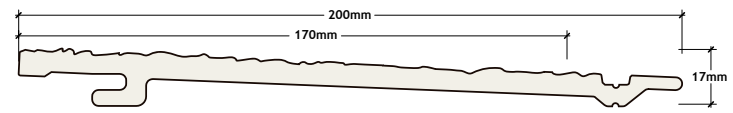
Misty Grey

Storm Grey

Colonial Blue

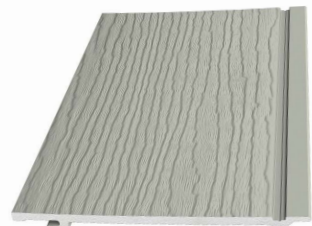
Cappucino

Slate Grey





FCF170E Weatherboard Cladding

Material	Embossed Cellular PVC	Thickness	17mm	Length	5m plank
Width	200mm total / 170mm lap	Weight	0.7Kg/M ¹ (3.5Kg/Plank)	Coverage	1.7m ² /pack (0.85m ² /plank)



FCF170E Weatherboard Cladding



FCF209E Butt Joint

White

Pale Gold

Sand

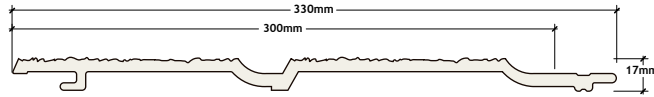
Argyl Brown

Pale Blue

Storm Grey

Colonial Blue

FORTEX



FCD300E Double Plank Cladding

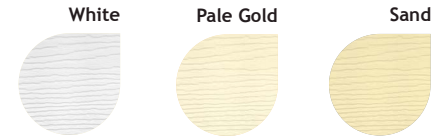
Material	Embossed Cellular PVC	Thickness	17mm	Length	5m plank
Width	330mm total / 300mm lap	Weight	1.3Kg/M ¹ (6.5Kg/Plank)	Coverage	3m ² /Pack (1.5m ² /Plank)



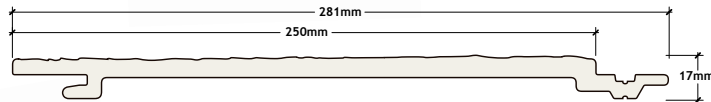
FCD300E Double Plank



FCD209E Butt Joint



FORTEX



FCP250E Render Finish Flat Cladding

Material	Embossed Cellular PVC	Thickness	17mm	Length	3.2m plank
Width	281mm total / 250mm lap	Weight	1.1Kg/M ¹ (3.52Kg/Plank)	Coverage	1.6m ² /pack (0.8m ² /plank)



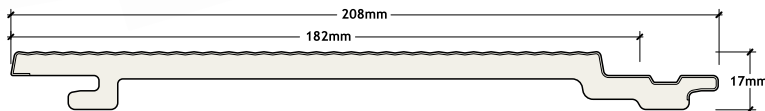
FCP250E Render Finish



FCP209E Butt Joint



FORTEX



FCG182E Shadow Gap Cladding

Material	Embossed Cellular PVC	Thickness	17mm	Length	5m plank
Width	208mm total / 182mm lap	Weight	0.65Kg/M ¹ ± 5% (3.25Kg/Plank)	Coverage	5.46m ² /Pack (0.91m ² /Plank)



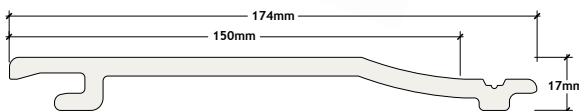
FCG182E Shadow Gap



FCG209E Butt Joint



Freefoam
Building Products



FC151 Foiled Shiplap Cladding

Material	Foiled Cellular PVC	Thickness	17mm	Length	5m plank
Width	174mm total / 150mm lap	Weight	0.55Kg/M ¹ (2.75Kg/Plank)	Coverage	3m ² /pack (0.75m ² /plank)



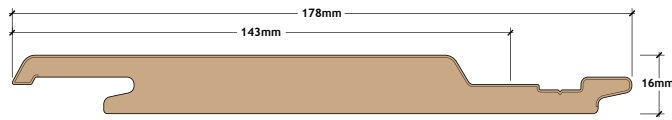
FC151 Foiled Shiplap



FC210 Butt Joint



*White is not foiled

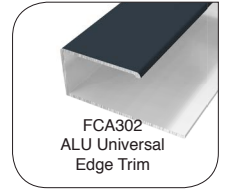
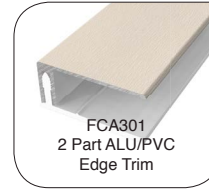


FCV143 Grooved Cladding

Material	Cellular PVC / Renolit Film	Thickness	16mm	Length	5m plank
Width	178mm total / 143mm lap	Weight	1.25Kg/M' ±5% (6.25Kg/Plank)	Coverage	1.43m²/Pack (0.715m²/Plank)

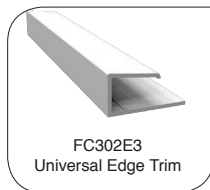


FCV143 Grooved Cladding



General Purpose Trims

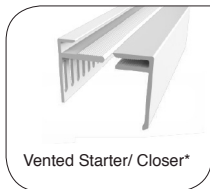
Compatible with all Freefoam Cladding



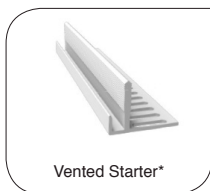
Ventilating Trims

Adequate ventilation is essential for the long term performance of all cladding systems. The innovative FC3113/3123 Vented starter and closer system ensures that installations achieve the required 5,000mm²/m of ventilation at both the top and bottom of installations whilst maintaining a neat, finished appearance.

Available in 25mm and 35mm batten depth



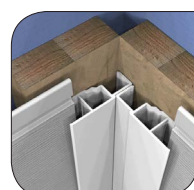
*FC3113 - 25mm Vented Starter and Closer
FC3143 - 35mm Vented Starter and Closer



*FC3123 - 25mm Vented Starter
FC3133 - 35mm Vented Starter

FCD220 Multifunction Trim

The FCD220 Multifunction Trim is a simple, single trim solution to the main junctions encountered in a typical cladding installation. Edges, internal and external Corners can all be formed by reconfiguring the FCD220 to suit the application.



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