

Be-plas Elite FRP Fire Rated Hygienic Wall and Ceiling Systems

Specification FRP Linings to Walls

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Suitable Substrates

Please consult Be-plas regarding suitable wall substrates.

Installation Temperature

A minimum ambient temperature of 14°C/57°F is required.

Substrate Preparation (by others)

Wall substrate must be dry and free from dirt, dust and grease. Remove any wallpaper, loose paint and/or other foreign matter that might impair adhesion.

Remove high spots and fill depressions in substrate surface.

Panels

Supplier: Be-plas Hygienic Walls and Ceilings Ltd
Unit 23, Junction 8 Business Park
Ellesmere Port, Wirral CH65 3AS
Tel: 0800 413 758 Fax: 0151 355 7970

Reference:	Description:	Size:
EFRP2412	Elite FR Embossed	2400 x 1200 x 2.3mm Colour White
EFRP3012	Elite FR Embossed	3000 x 1200 x 2.3mm Colour White
EFRP2412	Elite FR Smooth	2400 x 1200 x 2.3mm Colour White
EFRP3012	Elite FR Smooth	3000 x 1200 x 2.3mm Colour White

Fire Rating

Elite FR panels certified to BS476 Part 7 Class 1 and BS476 Part 6 Class 0.

Method of Fixing

Use Be-plas adhesive (Ref. A9434 / GPPA600) and/or Be-plas high-impact thermoplastic drive rivets (below) installed to Be-plas' recommendations. Ask for our General Installation Guide.

Joint Detail

All panel joints should be covered with high impact PVC division bars:

Reference:	Size:
DB242.4	2440mm
DB243.0	3050mm

Edge Detail

Exposed panel edges should be closed with high impact PVC capping sections:

Reference:	Size:
CS242.4	2440mm
CS243.0	3050mm

Corner Detail

Internal corners should be covered with high impact PVC angles:

Reference:	Size:
IA252.4 (heavyweight)	2440 x 25 x 25mm
IA253.0 (heavyweight)	3050 x 25 x 25mm
IA382.4 (heavyweight)	2440 x 38 x 38mm
IA383.0 (heavyweight)	3050 x 38 x 38mm
IA502.4 (heavyweight)	2440 x 50 x 50mm
IA503.0 (heavyweight)	3050 x 50 x 50mm
IAL502.4 (lightweight)	2440 x 50 x 50mm
IAL503.0 (lightweight)	3050 x 50 x 50mm

or alternatively use high impact PVC inside corners:

Reference:	Size:
IC242.4	2440mm
IC243.0	3050mm

External corners should be covered with high impact PVC angles:

Reference:	Size:
OA242.4 (heavyweight)	2440 x 25 x 25mm
OA243.0 (heavyweight)	3050 x 25 x 25mm
OA382.4 (heavyweight)	2440 x 38 x 38mm
OA383.0 (heavyweight)	3050 x 38 x 38mm
OA502.4 (heavyweight)	2440 x 50 x 50mm
OA503.0 (heavyweight)	3050 x 50 x 50mm
OAL502.4 (lightweight)	2440 x 50 x 50mm
OAL503.0 (lightweight)	3050 x 50 x 50mm

Abutments

- To window frames, door frames. Ask for Be-plas detail drawing G3.
- To resin type flooring. Ask for Be-plas detail drawing G4.
- To quarry tile flooring. Ask for Be-plas detail drawing G5.
- To vinyl flooring. Ask for Be-plas detail drawing G6.

Finishing

Apply Be-plas FDA approved silicone sealant (Ref. PSNW600) in mouldings and around all panel edges, fasteners and fixtures.

Service Preparations

Allow a 3-4mm gap around all holes for Be-plas FDA approved silicone sealant (Ref. PSNW600).