

ELITE FRP® (Fire rated)

Suitable Substrates

Please consult Beplás 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: Beplás Hygienic Walls and Ceilings Ltd, Helix Business Park, New Bridge Road, Ellesmere Port, Wirral CH65 4LR

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
EGRP126SS	Elite FR Smooth	1200 x 600 x 2.3mm Colour White
EGRP66FR-S	Elite FR Smooth	600 x 600mm Colour White
EGRP126FREC2	Elite FR Embossed	1195 x 595mm Colour White
EGRP66FR	Elite FR Embossed	595 x 595mm Colour White

Fire Rating

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

Method of Fixing

Use Beplás adhesive and/or Beplás high-impact thermoplastic drive rivets installed to Beplás' recommendations. Ask for our General Installation Guide. Laying ceiling tiles in standard grid.

Joint Detail

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

Reference:	Size:
DB242.4	2440mm
DB243.0	3050mm
TDB2.4 (two-part)	2440 x 2.5mm
TDB3.0 (two-part)	3050 x 2.5mm

Edge Detail

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

Reference:	Size:
CS242.4	2440mm
CS243.0	3050mm
TCS32.4	2440 x 3.0mm
TCS3.0	3050 x 3.0mm

Corner Detail

Internal corners should be covered with high impact PVC angles:

Reference:	Size:
IA252.4	2440 x 25 x 25mm
IA253.0	3050 x 25 x 25mm
IA382.4	2440 x 38 x 38mm
IA383.0	3050 x 38 x 38mm
IAL502.4	2440 x 50 x 50mm
IAL503.0	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	2440 x 25 x 25mm
OA243.0	3050 x 25 x 25mm
OA382.4	2440 x 38 x 38mm
OA383.0	3050 x 38 x 38mm
OAL502.4	2440 x 50 x 50mm
OAL503.0	3050 x 50 x 50mm

Abutments

- To resin type flooring. Ask for Beplás detail drawing 5.
- To quarry tile flooring. Ask for Beplás detail drawing 7.
- To vinyl flooring. Ask for Beplás detail drawing 1.

Finishing

Apply Beplás food grade silicone sealant (Ref. PSNW) in moldings and around all panel edges, fasteners and fixtures.

Service Preparations

Allow a 3-4mm gap around all holes for Beplás food grade silicone sealant (Ref. PSNW).

Note: Prison specifications should allow aluminium h section (ALH) and snap on cover (SOC) joint profiles to meet MOJ requirements.