

Be-plas Elite-Komadur- Hygienic Wall Systems

Specification PVC Linings to Walls

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Suitable Substrates

Good quality fairfaced brick or blockwork. Well aligned joints bagged up flush. Straight to within 3mm over a 2m straight edge
Sand & cement rendering 1:3 to steel trowel finish.

12.5mm thick plasterboard.

Minimum 9mm W.B.P.

Minimum 9mm MDF.

Ceramic tiles which are clean and securely bonded to substrate.

Certain sound painted surfaces (an adhesive test is advisable to ascertain compatibility).

Plastered surfaces - finished with steel trowel. (pink lightweight plasters generally not suitable).

Porous surfaces to be thoroughly sealed with diluted PVA applied to the surface 12 hours prior to the installation.

Installation Temperature

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

Storage and Conditioning (on site)

Sheets should be stored flat, fully supported and left for 24 hours to attain the ambient room temperature prior to installation (min 14°C).

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 2 Junction 8 Business Park
Ellesmere Port, Wirral CH65 3AS
Tel: 0800 413 758 Fax: 0151 355 7970

Reference:	Description:	Size:
KPVC24122.5	Elite Komadur PVC Satin	2440 x 1220 x 2.5mm Colour White
KPVC27122.5	Elite Komadur PVC Satin	2750 x 1220 x 2.5mm Colour White
KPVC30122.5	Elite Komadur PVC Satin	3050 x 1220 x 2.5mm Colour White

Fire Rating

Certified to BS476 Part 7 Class 1. Certified to BS476 Part 6 Class 0 when attached to a non-combustible substrate.

Method of Fixing

Use Be-plas adhesive (Ref.Pro 6.5 or 8Kg) or GPPA600 or Multibead.

Joint Detail

All panel joints should be covered with high impact PVC division bars or have hot welded joints

Reference:	Size:
TDB2.4 (two-part flex edge)	2440 x 2.5mm
TDB3.0 (two-part flex edge)	3050 x 2.5mm
DB32.4 (one-part rigid edge)	2440 x 3.0mm
DB33.0 (one-part rigid edge)	3050 x 3.0mm
DB3W2.4 (one-part rigid edge)	2440 x 3.0mm
DB3W3.0 (one-part rigid edge)	3050 x 3.0mm

Edge Detail

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

Reference:	Size:
TCS32.4 (rigid edge)	2440 x 3.0mm
TCS33.0 (rigid edge)	3050 x 3.0mm

Corner Detail

Internal corners should be covered with high impact PVC angles or have site thermoformed corners

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:
IC32.4	2440mm
IC33.0	3050mm

External corners should be covered with high impact PVC angles or have site thermoformed corners

Reference:	Size:
OA242.4	2440 x 25 x 25mm
OA243.0	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

or alternatively use high impact PVC outside corners:

Reference:	Size:
OC32.4	2440mm
OC33.0	3050mm

Abutments

- To window frames, door frames. Ask for Be-plas detail drawing E4.
- To resin type flooring. Ask for Be-plas detail drawing E5.
- To quarry tile flooring. Ask for Be-plas detail drawing E6.
- To vinyl flooring. Ask for Be-plas detail drawing E7.

Finishing

Apply Be-plas Food grade silicone sealant (Ref. PSNW) 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. PSNW).