

Installation

Advanced G.R.P is a very versatile system which can be easily installed in almost any building.

Wall Preparation

Walls should be reasonably level and flat. Remove high spots and fill low spots.

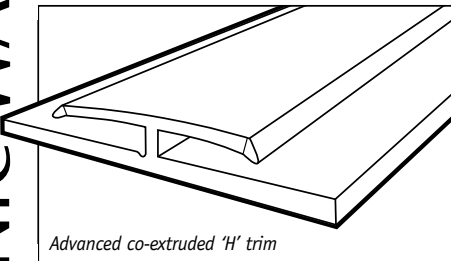
Advanced adhesive can be applied to any solid wall or wall surface, eg plaster, gypsum, board, brick, poured concrete, concrete block etc. it can also be applied directly to tiled surfaces that are firmly fixed to the wall. All surfaces must be dry.

Cutting

A jigsaw is the best method of cutting the sheeting. A fine toothed hand saw can also be used.

Jointing

Fully sealed joints are made using Advanced high impact PVC Silicone free gasket trim system which incorporates a co-extruded seal unique to Advanced.



Advanced co-extruded 'H' trim

Internal/external corners

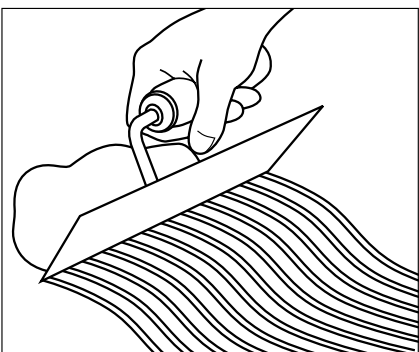
Advanced PVC is normally thermoformed on site, so window and door reveals are neatly clad without an edge joint.

Fixing

Sheets are fixed using a fully bonded method with a trowel for advanced adhesive; or expanded drive rivets.

Advanced Panel Adhesive

This provides a quick and simple method to fit hygienic G.R.P. cladding to most substrates. This polyurethane adhesive is applied to the back of the panels or onto substrate to give a solid all over bond. The adhesive is easy to spread and should be applied with a notched trowel (see diagram). To ensure a 100% transfer of adhesive, apply firm, even pressure to the complete surface area when the panels are offered to the wall.



Final adhesive thickness may vary between 1 to 3mm

Specification

ADVANCED HEAVY DUTY HYGIENIC WALL SYSTEM Specification: G.R.P. Linings to Walls

Advanced GRP

Hygienic glass reinforced plastic wall boarding wall finish is suitable for use in all food production areas. Class 1/0 fire rating, 2.5mm thick, smooth finished sheet 850 gm CSM glass reinforcement, with heavy duty fixing profiles and fully bonded to substrate to eliminate voids and cavities.

Suitable Substrates

- Good quality fairfaced brick or blockwork. Well aligned joints bagged up flush. Straight to within 3mm over a 2m straight edge and bricks/blocks flush with ones adjacent.
- Sand and cement rendering 1:3 to a steel trowel finish.
- 12.5mm thick plasterboard
- Minimum 9mm W.P.B. Resin bonded plywood.
- Ceramic tiles which are securely bonded to substrate.
- Certain Sound painted surfaces (an adhesive test is advisable to ascertain compatibility).
- Plastered surfaces (subject to survey by Advanced to confirm suitability). Pink Lightweight plasters generally not suitable.

Moisture Content

- All Substrates to be dried to 0-3 on Protimeter Surveymaster equipment.

Installation Temperature

- Minimum ambient temperature of 14°C/57°F required in all installation areas.

Substrate Preparation (By Others)

- All loose paint and dust should be removed.
- Pliable surfaces should be removed or made sound. Please consult advanced Advanced regarding approved sealing treatments.
- Ceramic Tiles should be thoroughly degreased, rinsed and allowed to dry.
- Loose tiles should be removed and the area made good using a sound repair mortar or sand and cement with Unibond mix, if drying time permits. Alternatively a suitable thickness W.P.B. ply screwed and plugged can be used
- Depressions in substrate surface should be filled with a sound repair mortar or sand and cement with Unibond mix, if drying time permits.
- Existing Painted surfaces should be degreased and a bond test carried out to confirm compatibility with the adhesive.

Panels

Supplier:

Advanced Hygienic Contracting Ltd
Unit A1, Greengate
Cardale Park
Harrogate, North Yorkshire
HG3 1GY
Tel: 01423 870049
Fax: 01423 870051



ADVANCED HYGIENIC CONTRACTING LTD

Unit A1, Greengate, Cardale Park, Harrogate, North Yorkshire, HG3 1GY
Tel: 01423 870049 Fax: 01423 870051

Email: Advanced@cladding.co.uk Web site: www.cladding.co.uk

Fire Rating:

Certification for most panels upon request. (Class 1 & Class 0)

Reference

Advanced G.R.P. White 2240 x 1200 x 2.5mm
3000 x 1200 x 2.5mm

Size

Advanced coloured G.R.P. can be manufactured to RAL/BS/Pantone colour references

Drawings

- Plant and equipment layout indicating heat emitting units, electrical services layout, plumbing/heating services, radiators etc.

Method of Fixing

- Fixing method to be determined by quality of substrate, e.g. dry, flat, sound substrate will receive 2 part Polyurethane Advanced panel adhesive, which is trowelled to give full adhesive coverage to the sheet. Sheets are then held vertically within Advanced PVC Silicone free gasket H Trim, and similarly at end stops, top and bottoms with J channel gasket system.
- Apply firm even pressure with a suitable roller to the whole surface area of the panel as work proceeds, to ensure adequate adhesive transfer and good overall bond

Joint Treatment

- All Joints should be covered with high impact PVC 'H' Joint sections.

Corner Detail

- Internal and external corners to be thermoformed on site

Abutments

- To window frame, door frames, architraves, ceiling and quarry tile - wipe clean and prime the edges with cleaner and seal with food grade silicone sealant 3-4mm width joint
- To Safety vinyl flooring with covered skirting joint to be covered with high impact PVC transition strip. See Advanced fitting details.
- To resin type flooring with covered skirting. Close bottom of sheet with section. See Advanced fitting details
- Alternatively, close bottom of sheet with section to resin cove and upstand. See Advanced fitting details.

Finishing

- Wipe off any marks and dirt using PVC cleaner/thinner.

Treatment to Service preparations

- All holes to be cut to allow 3-4mm silicone seal around all penetrations.

Protection

- Sheet supplied with self adhesive film for removal by others. If further protection needed a hardboard can be applied.

Advanced reserve the right to update/modify/change specifications as required.



Certificate No. 5529