

# Specification

## Types of Lining/Panelling

### UPVC Foodsafe Panelling to Walls

Background: Flat and plumb brickwork/block work, plastered/rendered walls, boarded out stud partitions. Walls must be flat and plumb.

Advanced single skin Class 0/1 fire rated UPVC panels mechanically fixed.

**Colours:** White. Thickness: 2.5mm.

**Pastel:** Blue, Green, Ivory, Grey. Thickness: 2.5mm

**Size:** Width: 1220mm Height: 2400mm, 3000mm

**Method of fixing panels:** Mechanically fixed using PVC silicone free gasket system and Advanced 2 part polyurethane adhesive.

**Components/Accessories:** Preformed, and on site thermoformed angle sections internal/external corners, UPVC cill detail, joints and edge trims.

As specified BS 'foodsafes' complying with EEC regulations for hygiene in food production areas. Directive No 64/483 and the requirements as outlined in statutory instruments 454 and 805 (food hygiene).

### Specification:

#### Suitable Substrates:

- Good quality fair faced brick or block work.
- 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 to substrate.
- 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 are generally not suitable.

#### Moisture Content

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

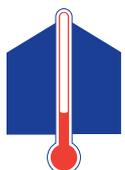
#### Installation Temperature

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.
- Friable surfaces should be removed or made sound. Please consult 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.

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### 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 gun applied 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.

### 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 to resin cove and upstand. See Advanced fitting details.
- Alternatively, close bottom of sheet with section to resin cove and upstand. See Advanced fitting details.

### Finishing

Proactive film to be removed, wipe off any marks and dirt using PVC cleaner/thinner.

### Treatment to service preparations

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

### Protection

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

Hygienic 2.5mm High Impact Resistant to walls fire rated to BS 476 Part 7 1971 Class '1': Overall panel size 1220 x 3050/2440: Colour White: Panels

Bonded to pre prepared substrate with Hygienic Bonding and fixed within a PVC tracking system: All corners and reveals to be thermoformed specialist cappings where practically possible: All sealed to BS 5889 "Foodsafe"

### Quality sealants

All in accordance with manufacturers written instructions and copyright drawings on request: Protective P.E. film to be removed on completion:

Rate includes: Width exceeding 300 Width not exceeding 300

All abutments thermoforming and system sealing with silicone

NB: Hygienic Thermopanel have a Calandar Laminated face which is tested "Foodsafe" and is exclusive to Heritage Hygienic Environments. All copyrights, drawings, website, telephone numbers and system design remains the property of Heritage Hygienic Ltd.



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