

# PARTWELL

CUTTING TECHNOLOGY SPECILAISTS

BRIDGE WORKS, STANLEY STREET  
BLACKBURN, LANCASHIRE BB1 3BW  
TEL: 01254 671875 FAX: 01254 674823



Wall and ceiling surfaces are vulnerable to bacteria through splashing and regular contact with people and foodstuffs. Hygiene regulations demand that such areas are upgraded.

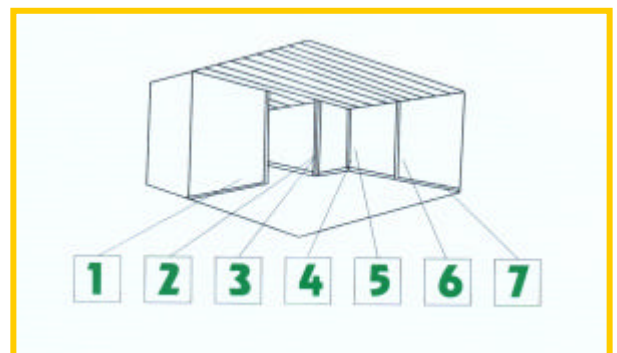
Microban antibacterial protection helps to inhibit the build up of bacteria and fungal growth on surfaces lowering the risk of food contamination and odours. Available in both polypropylene and PVC sheet.

## 1. WALL PANELS

	POLYPROPYLENE	PVC
Sheet Size	2440 x 1220 x 3mm	2440 x 1220 x 3mm
Colour	White	White
Fire Rating	Class 4	Class 1
Fixing	PVC Profiles & Rivets	Adhesive Profiles & Rivets
Temp	-14 to 90° C	0 TO 70° C
Benefit	High impact strength	Rigid & Easier to Clean

### PROFILES

- Outside Angle/Corner 1.5" x 1.5"
- 'F' Outside Corner
- 'Curved' Inside Corner
- Inside Angle/Corner 1.5" x 1.5"
- 'H' Division Bar
- 'J' Capping Strip



# INSTALLATION

The products are designed for ease of installation by the DIY handyman or your local builder.

Measure the area and plan the best method of installation.

Decide upon the type of cladding you wish to use.

Decide upon a fixing system, either bonding or mechanical, using plastic rivets or two piece profiles.

Note: Polypropylene should only be mechanically fixed.

Calculate the number of sheets and profiles/rivets required. Measure perimeter of walls in metres and divide by 1.22 to find the number of sheets required.

## PREPERATION

Walls should be reasonably level and flat, remove high spots and fill in low spots.

All surfaces must be clean and dry.

## CAUTION

Protect eyes with goggles, cover your nose and mouth with filter mask when cutting Glasbord.

## PANEL FITTING – RIVET OPTION

1 Panels can be applied to any solid wall surface e.g. plaster, gypsum, board, brick, poured concrete, concrete block etc. Panels can also be applied directly to tiled surfaces provided the tiles are firmly fixed to the wall.

2. Panels must be positioned to leave not less than 6mm gap at ceiling and floor junction (allow correspondingly more for panels longer than 2.44m) and a 3mm gap between each panel and division bar profile to allow for normal expansion and contraction.

3. Fastener holes in panels should be drilled 3mm oversize to allow for any thermal movement.

4. The recommended fastening frequency for panels is based on 410mm centres, stagger fasteners on opposing panel edges and corners next to division bar to aid having a tight flat seam. Outside fasteners should be approximately 25mm from the panel edge. Drive fasteners should be to a tight fit but **DO NOT OVERTIGHTEN**. Fasten panel at top and work to bottom, or start at centre and work outwards.

5. Position pre-drilled panel against the wall ensuring correct alignment and levelling. Mark the wall through the centre of each panel hole ready for drilling the first row of holes.

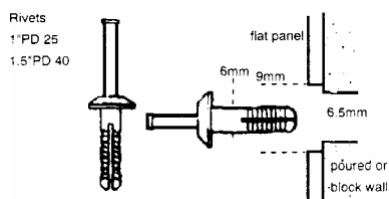
6. With the top row of fasteners in place, the panel can then hang freely allowing the remaining holes to be drilled in the wall and fastened in sequence.

7. To aid moisture proofing fill the wall holes with sealant before inserting the fasteners. A good quality silicone sealant is recommended.

8. When installing the first panel, leave leading edge unfastened. Apply sealant to division bar slot and push into place over leading edge of panel. Withdraw division bar slightly to leave expansion gap.

9. Complete the fastening of the leading edge and repeat process for each panel.

10. To complete the moisture proofing, apply sealant to all remaining edges of panels. Use of the Capping Strip improves the finished appearance. A bead of sealant behind the panel edges just prior to fastening will further aid moisture proofing in very wet areas.



## ADHESIVE FIXING

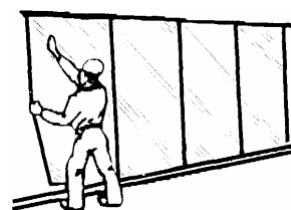
### ALWAYS USE ENOUGH ADHESIVE DON'T SKIMP

If panel is not to be mechanically fastened, side bracing should be applied until adhesive is completely cured.

Use cartridge gun to lay down beads of adhesive. If wall surface is extremely rough more adhesive may be required.

### DO NOT ATTEMPT TO INSTALL PANELS ON AN UNEVEN WALL WITH ADHESIVE ALONE

Apply panel to wall following all of the adhesive manufacturers recommendations, always ensure before using the adhesive that the manufacturer has recommended it for use in the room conditions and for the material type.



*These guidelines are provided in good faith to help prevent installation problems. Partwell bears no responsibility for any installation actions taken or not taken. There will be nuances of installation not covered in these guidelines which Partwell assume to be basic construction knowledge to an experienced installer. The selection of an adequate installer is not the responsibility of Partwell. This leaflet provides installation guidelines and recommendations, they are NOT designed as a step by step or foolproof set of instructions.*

*Whilst Partwell will make every effort to ensure you receive your goods in excellent quality, we cannot be held responsible for any damage caused to the product and surface finish during construction or for the incorrect or poor application to the wall.*

**Inspect panels when received, do not install defected goods as Partwell will not be responsible for installation or removal costs of unacceptable panels or profiles.**