ECHOHUSH® PROFILE

This Installation Guide provides recommendations to maximise the service life in various applications. Echohush Profile is a decorative sound absorbing foam panel, reducing reverberation.

WORKING HEALTH AND SAFETY

- Gloves, protective goggles and any other appropriate safety equipment based on local health & safety requirements and safe work practice must be worn by applicator.

DESCRIPTION

Echohush® Profile foam panels are supplied in standard sheet sizes of 0.60 m X 0.60 m.

Profile panels are very easy to fix on walls and ceilings. They can be bonded to wall and ceiling surfaces using our high quality adhesive 'Fixseal MSP15' in any one of the following ways.

1. Directly gluing product panels to wall or ceiling surfaces or
2. Using a backing board to hold panels on walls.

The first method offers a more permanent solution as the foam panels are in direct contact with the walls using the adhesive. Whereas, using a backing board provides a solution that prevents the adhesive being transferred on to walls, thereby offering flexibility to remove and reposition the product.

Pyrotek can provide on request, backing boards made from specialised plastic, designed to receive adhesives, that standard PE or PU plastics may not. The boards supplied measure:
590 mm (length) x 590 mm (width) x 1.0 mm (thick).

ABOUT OUR RECOMMENDED ADHESIVE

'Fixseal MSP15' - The adhesive is available in a cartridge or sausage, with a special plastic nozzle to provide the required bead size. To install Profile panels, cut the nozzle to create a 3 - 4 mm bead.

The adhesive cures using moisture present in the air and should be applied in temperatures +5℃ to +35℃.

See Technical Data Sheet 'Fixseal MSP15-TDS-526IP' for more details on material properties and curing times. Alternative adhesives closely matching the recommended adhesive can also be used to bond Profile panels.

Echohush® Profile is available in a variety of colours. Please consult your Pyrotek® representative for colour choice.

applications

- Commercial: boardrooms, open plan offices, call centres
- Public areas: schools, churches, community centres, function rooms, museums etc.
- Hospitality: cafes, hotels, bars, restaurants, etc.
- Home: home theatre, lounge room, music rooms, mixing rooms, studios
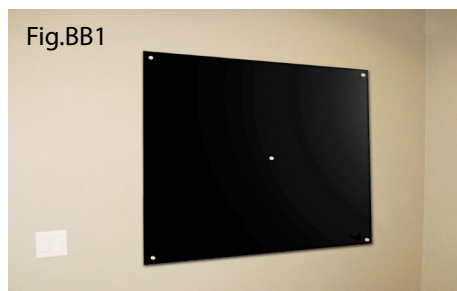- Specialist: radio / TV studios, sound recording studios
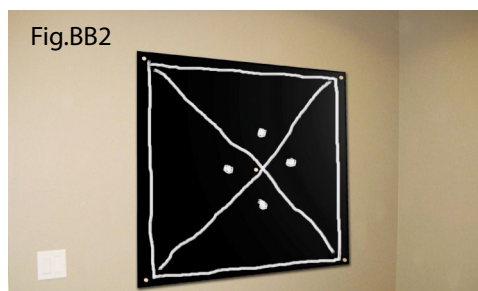
TIPS PRIOR TO INSTALLATION

1. Wall surfaces should be clean, smooth and dry.

2. Walls that are not plumb may cause misalignment.

3. If adhering to metal surfaces, use a degreaser before mounting panels.

4. Avoid mounting directly on top of electrical outlets or wires or contact with any sharp objects and edges. If needed, cut out adequate access holes around any outlets. Consider using electric knives for a professional cut.

5. Keep away from flame and heat sources.

6. Keep uncoated panels out of direct sunlight or UV light to avoid fading.

7. If using backing board, remove the plastic film covering one side of the board and use this side to bond the product with adhesive.

   Note: Use our instructions as a general guideline. The responsibility to assess and compensate for application environment lies with the installer.
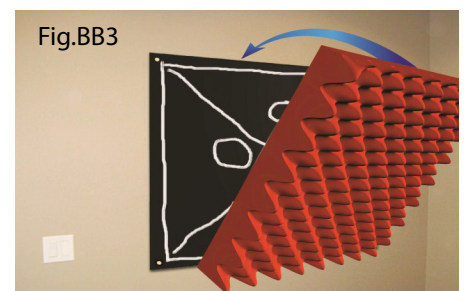
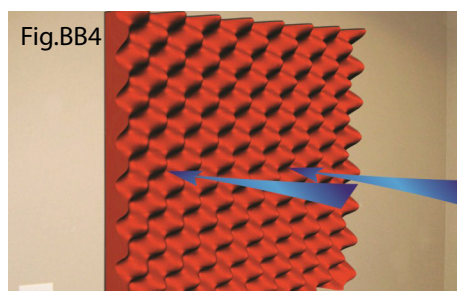## INSTALLING ECHOHUSH PROFILE USING BACKING BOARD

Fig.BB1

STEP 1
Fix the backing board to the wall using 10 mm thumb tacks. Place one thumb tack each in the four corners and one in the centre.
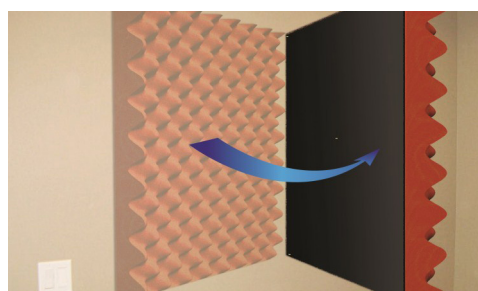

Fig.BB2

STEP 2
Apply adhesive as shown in **Fig BB2** avoiding contact with the thumb tacks.
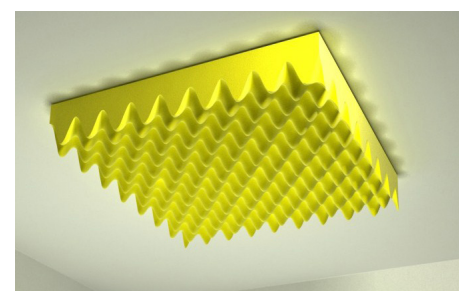

Fig.BB3

STEP 3
Firmly push the panel onto the backing board, making sure that even pressure is applied to all areas that the adhesive has been applied to.

Fig.BB4

STEP 4
Hold in place for about one minute or as required.

Once adhesive has cured and the foam firmly bonded to the board, the product can be easily be removed and repositioned by merely pulling off the backing board adhered to the wall using thumb tacks.

For ceiling installation, fix four extra thumb tacks than that recommended for walls, like a 'Die' pattern (No.9). Follow Steps 1 through to 4. Hold panels in position for about a minute or as required.

Using a backing board to mount the product, offers the flexibility to remove and reposition or even remount product to any other wall or ceiling. As the backing board is adhered using thumb tacks, removing panels leaves only pin marks on the wall, without ruining the either the foam or the surface mounted on.
Installing directly to wall or ceiling surfaces - Echohush Profile panels can also be easily adhered to walls directly without using any backing material. Apply adhesive on the back of the product panel in the same manner as shown in Fig BB2. Press the adhesive into the panel as you apply. Follow **steps 3** and **4.**