

# melafoam



Melafoam™ is a lightweight acoustic product which can be installed in a variety of configurations on walls and ceilings. As their density does not allow the use of mechanical hardware, Melafoam™ panels are best installed using one of the recommended adhesives.

The following adhesives have been tested and are guaranteed\* to work with Melafoam™ panels.



**Helmitin 1685**  
contact spray adhesive

Available in 17 oz (481g) ready to use spray cans or in a 38lb canister (requires hose and applicator gun)

**Typical coverage**

**Can: +/- 30 sq.ft.**  
**Canister: +/- 1000 sq.ft.**



**3M550FC**  
polyurethane adhesive

Available in 600ml "sausage" type tubes. Requires caulking gun.

**Typical coverage**

**600ml tube: +/- 40 sq.ft.**



**3M77 or 3M20**  
solvent based adhesive

Available in 390g (3M20) and 475g (3M77) spray cans. 3M20 applies as a web and 3M77 as a mist spray.

**Typical coverage**

**3M20: +/- 20 sq.ft.**  
**3M77 +/- 30 sq.ft.**

Typical coverage indicates the amount of panels that can be installed in ideal conditions. This takes into account spraying both surfaces.

\*Adhesion to the panel is guaranteed when applied properly, under the right conditions. How well the panels adhere to the surface will depend on factors such as room temperature during application and curing, surface characteristics and porosity, as well as other project-specific factors. Always follow the manufacturer's instructions for use.

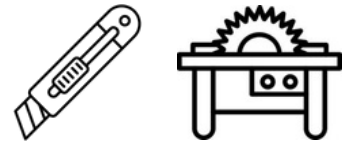


## Handling

Always use a pair of clean, white fabric gloves when handling Melafoam™ panels. In case the gloves get soiled, they should be replaced with a new pair.

## Cutting and trimming

canacoustics offers a cutting service with every order. Ideally panels should be factory cut using specialized equipment. Melafoam™ panels can be cut on site, on a table saw with a sharp finishing blade, or using a box cutter with a sharp blade.



## Safety

Always follow and adhere to the manufacturer's safety recommendations. Safety goggles and adequate breathing equipment should be used. Some adhesives are flammable. Make sure to have proper ventilation when working in an enclosed space.



Don't smoke while working with, or in the presence of adhesive fumes



Do not use adhesives in the presence of any type of flame



Use in a well ventilated area



Use an appropriate respirator when installing the product



Wear appropriate eye protection when installing the product

## Application

Refer to product instructions for specific application requirements such as ambient temperature and humidity.



**Helmitin 1685**  
contact spray adhesive

- Mark the place where the panel will be installed.
- Spray a light to medium coat on the back of the panel.
- Spray a light to medium coat on the wall or ceiling surface. Rough or uneven surfaces require more adhesive.
- Place the panel on the surface and apply a light, even pressure by gently rubbing the panel with the palm of your hand. Adhesion is instant.



**3M550FC**  
polyurethane adhesive

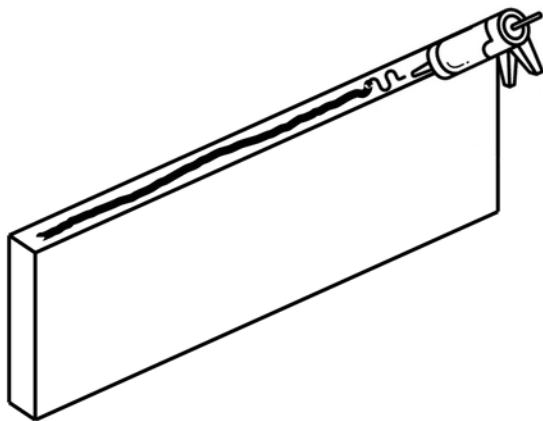
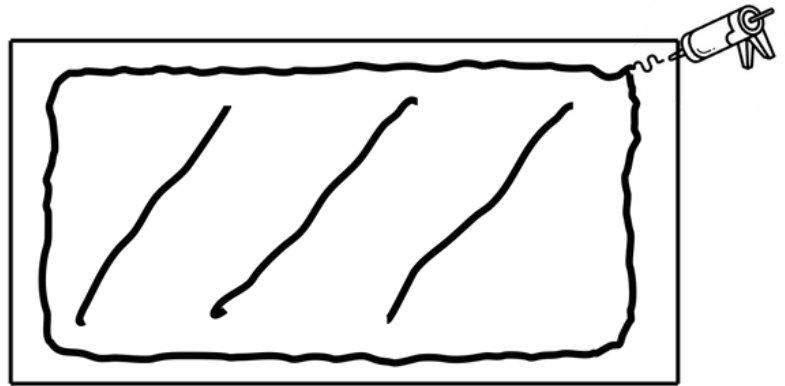
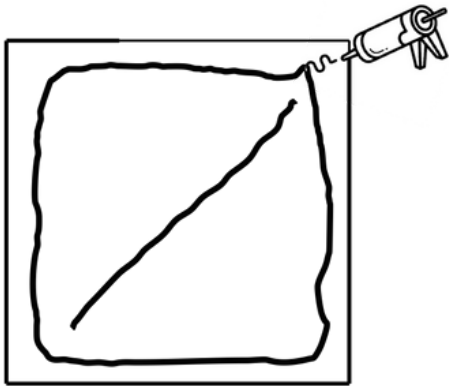
- Mark the place where the panel will be installed.
- Apply a bead of adhesive about 1/4" wide in one of the suggested patterns (see next page)
- Place the panel on the surface and apply a light, even pressure along where the adhesive is applied by gently rubbing the panel with the palm of your hand. -Curing time is 1-4 hours depending on conditions. For larger panels use a light coat of Helmitin 1685 on the panel for better initial tack.



**3M77 or 3M20**  
solvent based adhesive

- Mark the place where the panel will be installed.
- Spray a light to medium coat on the back of the panel.
- Spray a light to medium coat on the wall or ceiling surface.
- Place the panel on the surface and apply a light, even pressure by gently rubbing the panel with the palm of your hand.
- Adhesion is instant. Not recommended for porous or rough surfaces.

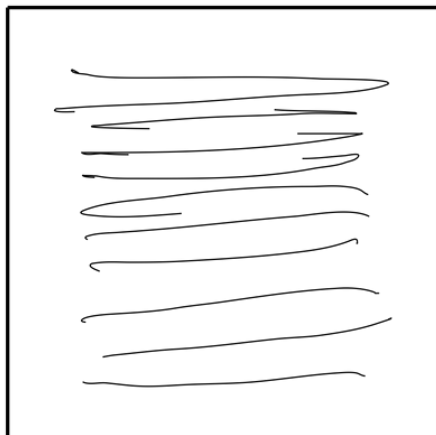
Caulking-type adhesive



Run a 1/4" bead along the edge of the panel, at least 2 inches from the edge to avoid overruns.

For vertically installed panels, carefully run a 1/4" bead of adhesive starting 2 to 3 inches from the edge.

Spray adhesive



Spray the back of the panel with a light to medium coat, leaving a 2-3 inch space from the edge. Depending on the type of installation spray the whole panel or evenly spaced lines 6 to 16 inches apart.