

S-4 MOUNTING BRACKETS INSTALLATION PROCEDURES

1. Light-Duty Applications

(Consisting of panels used for absorption in a low-traffic area, not subjected to physical contact or wind or air flow conditions.)

Install one mounting clip at each corner in 2" from the edge of the S-4 panel, and place the S-4 panel into the mounting clip by first sliding the top of the S-4 into the top clips and slightly bending the panel in the center and positioning the bottom into the bottom clips.

2. Medium-Duty Applications

(Where the panel may be exposed to some physical contact and moderate wind or air flow conditions.)

Install the four mounting brackets at each corner of the panel and liberally apply a construction adhesive along the vertical surface where the S-4 panel will be installed using a caulking gun or trowel. A 15-25% coverage is sufficient. Install the S-4 panel as discussed in 1 above.

3. Heavy-Duty Applications

(Where the S-4 panel is to be used as a plenum liner in medium-velocity duct systems.)

In addition to steps 1 and 2 above, install stick pins on the back of the vertical surface to which the S-4 panel is to be attached. The stick pins should be placed on 2' centers a maximum of 6" in from each edge. If the installation is in a clean room or hospital application, seal the stick pin penetration with a silicone sealant. For installations on sheet metal, weld the stick pins in place using a stud gun. For masonry installations, clean the surface first with a wire brush, then epoxy the stick pins to the wall and allow to dry before installing the S-4 panels.