



Installation Recommendations Acoustical Ceiling Clouds and Baffles

HANDLING:

- A. Carry panels upright with the width in the vertical position to avoid stress on the panel and possible cracking or breaking.
- B. Wear disposable white cotton gloves whenever possible to avoid soiling fabric, especially with light color fabrics.
- C. Clean stains and soiling, including adhesive, as soon as possible to make removal easier (see Cleaning and Maintenance Instructions)

INSTALLATION:

- 1. Establish layout for baffles or clouds based on shop drawings and field conditions.
- 2. Secure hangers to structure, intermediate support members, existing drywall, plaster or wood ceiling, or existing suspension grid with appropriate fasteners. This can include powder actuated pin/clip assembly, tie wire or cable ties, toggle bolts or zip-its (E-Z anchors), and Caddy grid clips.
- 3. Use 1/16" aircraft cable or 12-gauge hanger wire for suspension. For secure installation, twist hanger wire 3 times minimum, and double crimp aircraft cable connections.
- 4. Install hangers level to 1/360th of the span, and as plumb as job conditions allow, avoiding splay conditions of 30 degrees or more.
- 5. S-hooks make leveling attachments quicker and easier. Crimp S-hooks after installation to secure connections

FIELD REPAIRS:

- A. **CUT OUTS** for lights, air registers, J-Boxes, etc.:
 - 1. Locate the position of the hole on the back of the panel and cut out only the fiberglass. You may wish to use an outlet box as a template by pressing it into the fiberglass.
 - 2. Cut the fabric diagonally across the hole in an "X" pattern.
 - 3. Rewrap the fabric and secure with spray adhesive (see above).
 - 4. Apply a strip of excess fabric to inside corners and then reapply fabric.
- B. **CUT PANELS TO SIZE (to accommodate job conditions, most unlikely):**
 - 1. Peel back fabric beyond point panel needs to be cut.
 - 2. Use hacksaw or drywall saw to cut through hardened edges. Cut through balance of fiberglass with a sharp utility knife, linoleum knife, or stainless steel kitchen knife.
 - 3. Apply strip of plastic laminate or similar molding to cut edge of panel for reinforcement and rewrap fabric around edge and back of panel. Secure with 3M Super 77 or Spray 90 adhesive.
 - 4. Crimp the excess fabric tightly at 45° angles to the corner and cut off the excess fabric with scissors.

For any other questions or field problems, contact us at **(803) 802-5596** or visit us on the web at www.soundesign-sc.com.

