



Field Modification

Diffusers

I. Inspection

- **Freight Damage:** Inspect cartons for obvious damage before accepting and note on delivery ticket.
- **Concealed Damage:** Notify Conwed of any concealed damage within five (5) business days of receipt. Claims beyond five (5) days will be honored at the discretion of Conwed or the freight company.
- Do not install panels of unacceptable quality. Contact your sales representative immediately. Conwed will not be responsible for installation or removal costs of unacceptable panels.

II. Handling & Storage

- Handle individual panels 'on edge' to avoid bending when moving and carrying.
- Store panels on a flat, dry, solid surface. Do not store on edge.
- Take necessary measures to keep panels dry, clean and free from dust. Pay special attention to edges.

III. Instructions

Field cutting thermoformed diffusers is not a standard procedure. However, it is possible with patience and the correct materials. Below is a recommended procedure to cut off a flange on a fabric wrapped diffuser panel.

1. Carefully peel back fabric to reveal the mounting flange. Only peel back enough fabric to allow cutting of the diffuser substrate.
2. Mark the diffuser with a sharpie marker along the desired cut carefully. A straight cut will make the final finishing easier
3. With panel supported, cut along the marked line. For thermoformed diffusers, use a sharp utility knife and several passes to make the cut. For gelcoat diffusers, carefully use a reciprocating saw to make the cut. Use caution when using cutting tools.
4. Once the flange is cut off, sand the edges even and clean with a block sander. Powered sanders may get clogged with partially melted plastic.
5. Use a contact adhesive such as 3M spray 77 to re-adhere the fabric wrap around the cut edge. Follow the directions on the can and be sure to apply adhesive to both the diffuser as well as the fabric. Pay close attention to the corners to tailor them without wrinkles or cut lines.

Disclaimer: The following are guidelines given in good faith to help avoid common errors. They are not intended to be a step-by-step list of instructions or a checklist, and it is assumed the installer has general construction knowledge. Conwed bears no responsibility for any installation actions taken or not taken, and is not responsible for installer selection.