

Fabric Panel Field Cutting

Introduction

We recognize that there are times when an installer may need to cut or trim panels in the field to address obstacles and unforeseen dimensional demands. This guide will assist the installer in performing these cuts.

Tools:

- Tape Measure
- Pencil or marker
- Straight edge
- Extendable razor knife
- Fabric Scissors
- Super 77 3M contact adhesive

Large Cutouts

1. Mark the cutout on the back of the panel.
2. From the cutout lines measure in 3" for a 1" panel and 4" for a 2" panel and re-mark the cutout.
3. On the inside line use the straight edge and knife to cut through the panel and fabric. When cutting, make multiple shallow cuts pressed against the straight edge to keep the cut straight (If you make deep passes with the knife the cut will be angled).
4. After cutting through the panel and fabric remove the pieces and move to the outside line.
5. With the straight edge on the outside line, cut with the knife in the same way but this time be careful NOT to cut through the fabric.
6. Once you have cut just the panel, remove the fiberglass in sections leaving the fabric in place.
7. Take the scissors and cut a 45 degree angle in the fabric to the corners of the cutout.
8. Now you can wrap the fabric in the cutout. For this you can use super 77 (found at Home Depot) to spray the fabric *and* fiberglass and wrap the fabric to the sides and back of the panel.

Small Holes: Same process except this time there will be no inside cutout. When cutting the fabric make a hole with the scissors in the center of the cutout and 45 to the corners of the cutout.

Circle cutouts: The process is the same except instead of making 45 degree cuts in the fabric to the corners you will make multiple relief cuts in the fabric to accommodate the shape of the cutout. When making relief cuts in the fabric stop a 1/16" to an 1/8" from the cutout to prevent fraying on the face of the panel.

Edge Cutouts: The process is the same as the small hole except before cutting the panel you should unwrap the fabric from the back and side of the panel 4-6" past the cutout. When wrapping the fabric, do the sides of the panel first and on an outside corner run the fabric evenly down the sides until they meet on the corner. wrap the back the same way as best as possible (not always easy when the fabric isn't even lengths). After wrapping to the back, trim the excess fabric off. Hot glue and a large clip is helpful in the corners to pinch and hold.