Siltherm Panel Products

Cutting And Sealing Techniques

Step One: Cutting

- Use a clean, flat work surface
- Measure and mark a cutting line on the panel
- Place a straight edge against the cutting line.
- The straight edge should be placed on the side which is to be retained
- Make a clean cut through the panel
- Dispose of the unwanted part of the panel

Step Two: Making The Edge Seal

- Cut a strip of glass cloth wide enough to overlap the panel by 35mm on both sides of the panel (70mm + thickness of panel)
- Stir the adhesive well and apply adhesive to the upper surface of the strip using a paint brush

Step Three: Sealing The Cut Edge

- Ensure the panel surface is free of dust
- Accurately place the panel on the adhesive upper surface of the strip
- Hold the panel firmly in place and fold the strip of glass cloth over the cut edge of the panel
- Press the glass cloth strip firmly into place

Step Four: Trimming

- Trim off surplus glass cloth neatly when the strip has fixed in place
- Care should be taken when stacking panels on top of each other, if this is necessary use a polythene separator to prevent panels sticking together

Cutting

Step One: Cutting

- Use a clean, flat work surface
- Use a template to mark the cutting lines
- Make a clean cut along the profile using a sharp knife
- Dispose of the unwanted part of the panel

Step Two: Making The Edge Seal

- Cut a strip of glass cloth wide enough to overlap the panel by 35mm on both sides of the panel (70mm + thickness of panel)
- Mark two parallel lines centrally along the strip of glass cloth.
- The distance between the lines should be the same as the panel thickness
- Cut a series of slits along both edges from the edge to the first line
- Stir the adhesive well and apply adhesive to the upper surface of the strip using a paint brush

Step Three: Sealing The Cut Edge

- Ensure the panel surface is free of dust
- Starting at the centre and working toward the edges, fold the strip of glass cloth firmly around the cut edge
- Press the glass cloth strip firmly into place

Step Four: Trimming

- Trim off surplus glass cloth neatly when the strip has fixed in place
- Care should be taken when stacking panels on top of each other, if this is necessary use a polythene separator to prevent panels sticking together
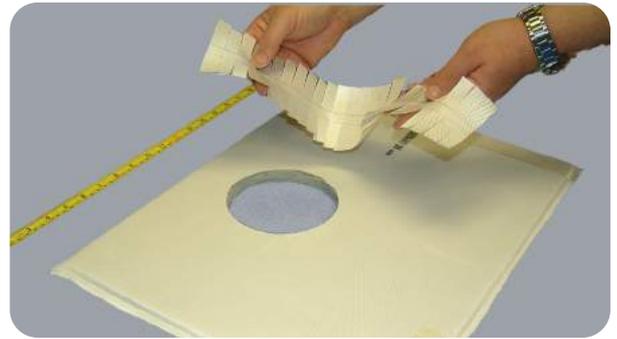
Shaping

Step One: Cutting

- Mark the hole to be cut on the panel and cut through the top layer of glass cloth
- Cut through the panel core and remove unwanted material
- Cut through the second layer of glass cloth

Step Two: Making The Edge Seal

- Cut a strip of glass cloth wide enough to overlap the panel by 35mm on both sides of the panel (70mm + thickness of panel)
- Mark two parallel lines centrally along the strip of glass cloth, the distance between the lines should be the same as the panel thickness
- Cut a series of slits along both edges from the edge to the first line
- Stir the adhesive well and apply adhesive to the upper surface of the strip using a paint brush
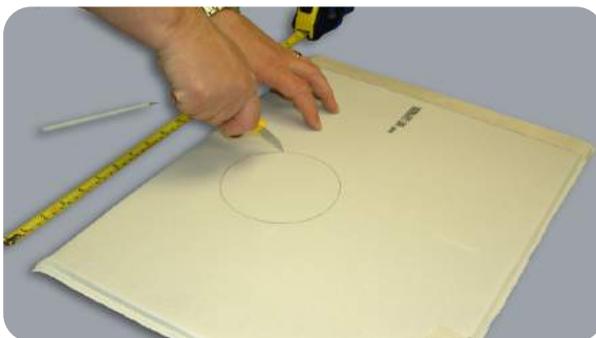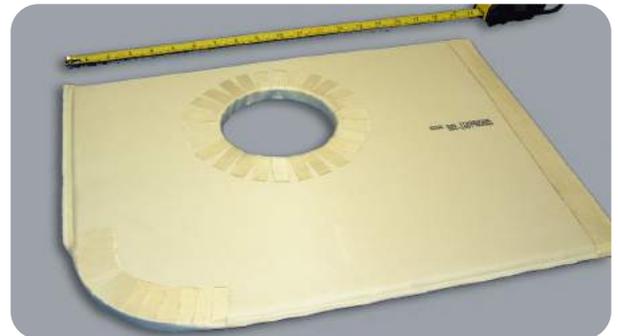

Step Three: Sealing The Cut Edge

- Ensure the panel surface is free of dust
- Apply the strip of glass cloth to the cut edge and fold the strip firmly over the cut edge of the panel
- Press the glass cloth strip firmly into place

Step Four: Trimming

- Trim off surplus glass cloth neatly when the strip has fixed in place
- Care should be taken when stacking panels on top of each other, if this is necessary use a polythene separator to prevent panels sticking together

Note

Small holes can be drilled using a hole cutting tool up to 50mm diameter, or a twist drill up to 5mm diameter