

Silicone edge sealing is primarily used when a frame is going to be used around the edge of the Lumicor panel.

If your Lumicor application will be exposed to moisture during the fabrication process or in the environment (shower doors, vanity tops, etc.) it is important to seal the edges. Sealing the cut Lumicor edge sufficiently will prevent moisture from wicking into the sheet.

MATERIALS

- Tack cloth
- Acid free (non-corrosive) silicone and applicator

RECOMMENDED SILICONES

- DAP – Titanium RTV
- Loctite – Superflex non-corrosive RTV
- Dow Corning – Silastic 1080 RTV

OPTIONAL

- 3M 2090 Safe-Release Blue Painters Masking Tape
- Router bit
- Putty knife

PROCEDURE

1. Clean edge using a tack cloth.
2. Apply silicone into frame and set panel into frame.

IF NO FRAMING IS USED

3. Peel back masking approximately 1" and apply 3M tape to front and back surface along perimeter edges so that only the edge of the Lumicor is the only edge exposed. Apply pressure to tape to secure bond.
4. Apply silicone to edge in an evenly distributed fashion. If necessary use a putty knife to spread and scrape off excess silicone. Remove tape.

OPTIONAL STEP

5. Routing a "V" groove into the edge of the Lumicor sheet will provide a reservoir for the silicone to dry. Once silicone is applied a putty knife can be used to scrape excess off for a flush finish.

Note: This is not considered a cosmetic look and framing should be used.

DO

- Apply pressure to tape after taping front and back surface so polyurethane won't bleed onto front and back surfaces.

DON'T

- Stack sheets and seal
- Use in a dusty area
- Use alcohol or wet rag to clean edges

Disclaimer: We believe this information to be reliable and offer the information in good faith without guarantee, as conditions and methods of use are beyond our control. We recommend prospective buyers perform their own testing to determine product suitability for all purposes before adopting Lumicor on a commercial scale. In no case is Lumicor liable for direct, consequential, economic or other damages. Lumicor disclaims all other warranties, expressed or implied, including the warranty of merchantability and fitness for a particular purpose.