

WINDOWS

Purpose

This document outlines the procedure to eliminate water dripping in LCI 8800 Series dual weep window.

Safety

⚠ CAUTION

Use appropriate personal protective equipment (PPE) for the procedure being performed.

Resources Required

- Ladder to reach window
- Flashlight to verify adequate silicone application
- 100 percent silicone - use black or clear in color
- Caulk gun to apply silicone
- Dry cloth to remove excess silicone before it dries

Outline

The following areas are addressed in this document. All areas may be repaired or only the areas needing reinforcement.

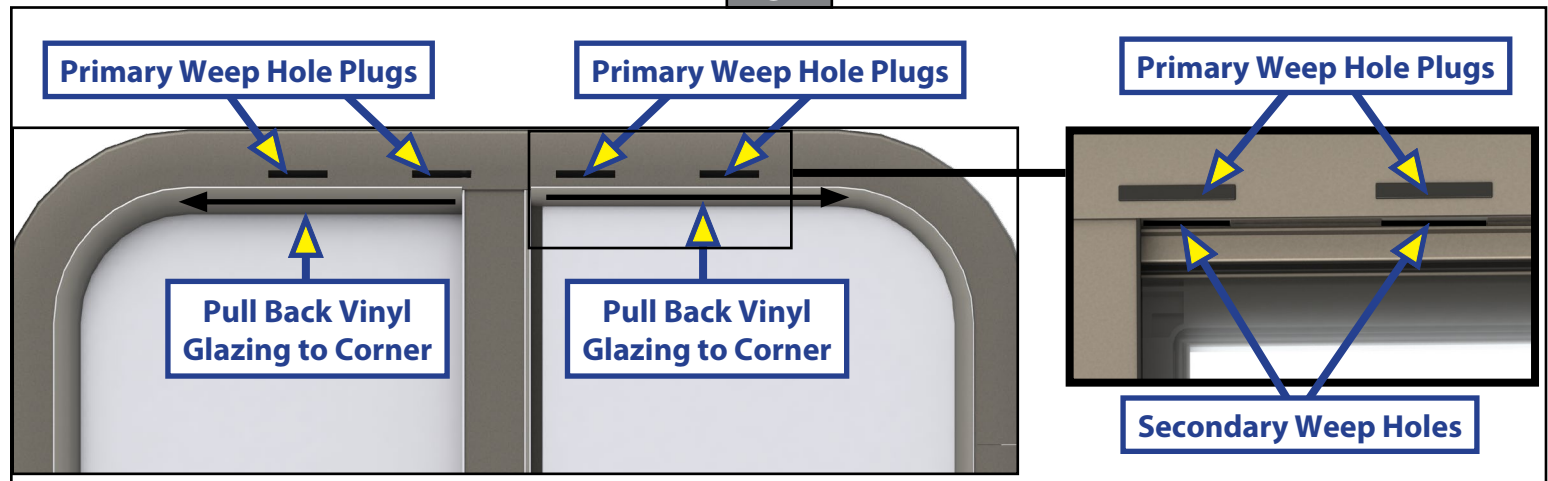
- Top secondary weep holes
- Frame seam, outside and inside the frame
- Mullion connection points
- Fixed glass minor hot melt voids

Procedure

Top Secondary Weep Holes Reinforcement

1. Pull back vinyl glazing at the top of the window, continuing to remove it from the frame until reaching the top corners on both sides of the window (Fig. 1).
2. Apply 100 percent silicone to seal the area behind the top weep hole plugs and under the lip of the frame where the secondary weep holes are located (Fig. 1). Make sure to apply the silicone into the secondary weep holes and extend the silicone two inches past each side of the secondary weep holes.

Fig. 1



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- Reinstall vinyl glazing in the window frame and clean off excess silicone.

NOTE: If the vinyl glazing does not slide back into the window frame, soak it in warm, soapy water and then reinstall it.

NOTE: If planning on water testing the window seal, first consult the instructions on the tube of 100 percent silicone caulk used in this application. Determine the time needed for the 100 percent silicone caulk to cure before exposing it to water.

Frame Seam, Outside and Inside Frame Reinforcement

- Apply 100 percent silicone on the outside (Fig. 2A) and inside (Fig. 3A) of the seam of the frame. Making sure to apply silicone over entire seam connection. Use a thin bead and a dry cloth to wipe away any excess.

Fig. 2

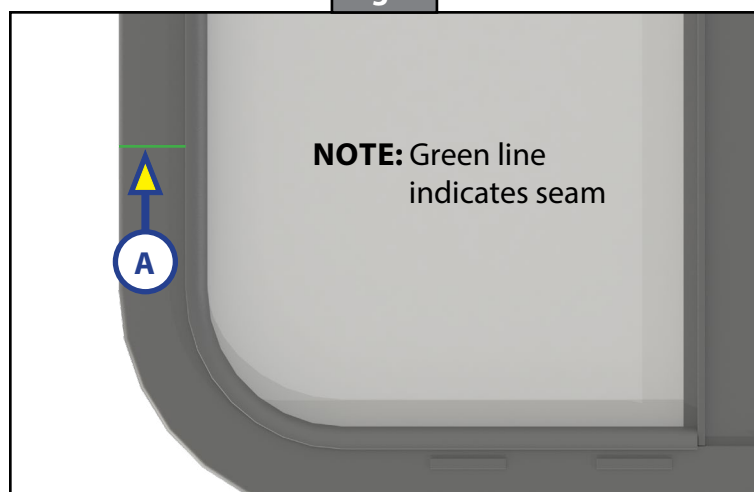
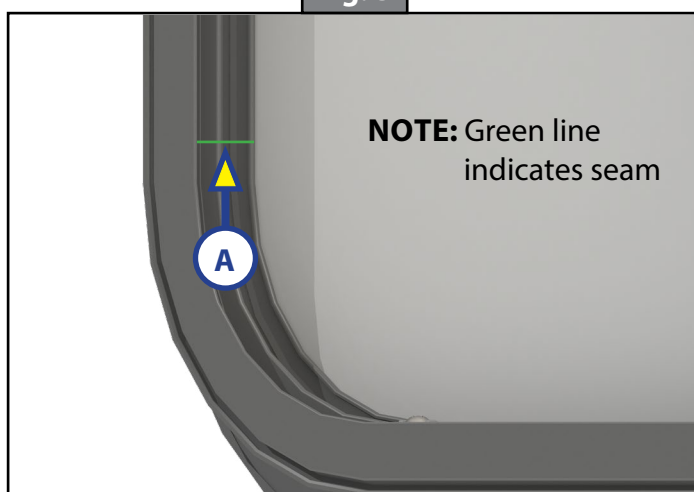


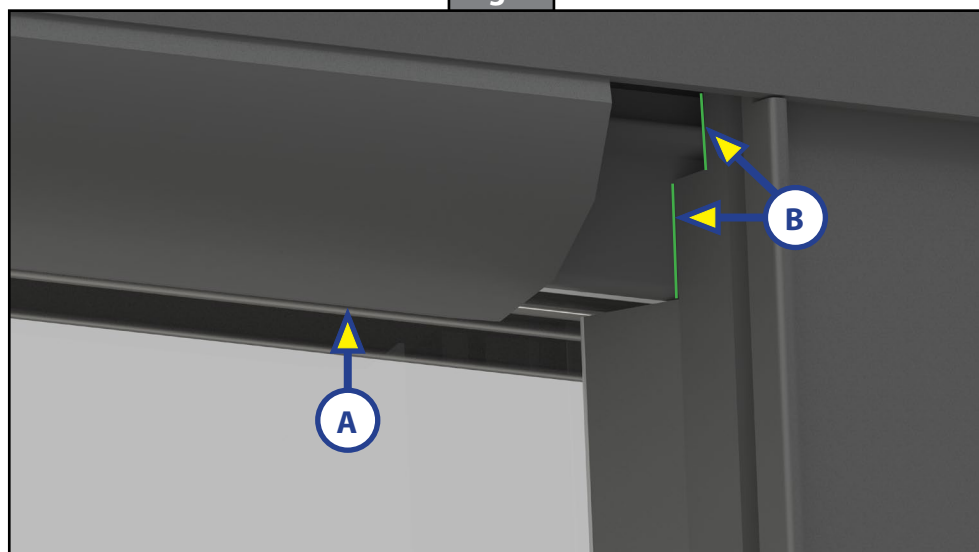
Fig. 3



Mullion Connection Points Reinforcement

- On the slider side, pull nosing vinyl (Fig. 4A) back to expose the mullion ends (Fig. 4B). Use 100 percent silicone and apply on both ends of the mullion that meet the inside of the frame.

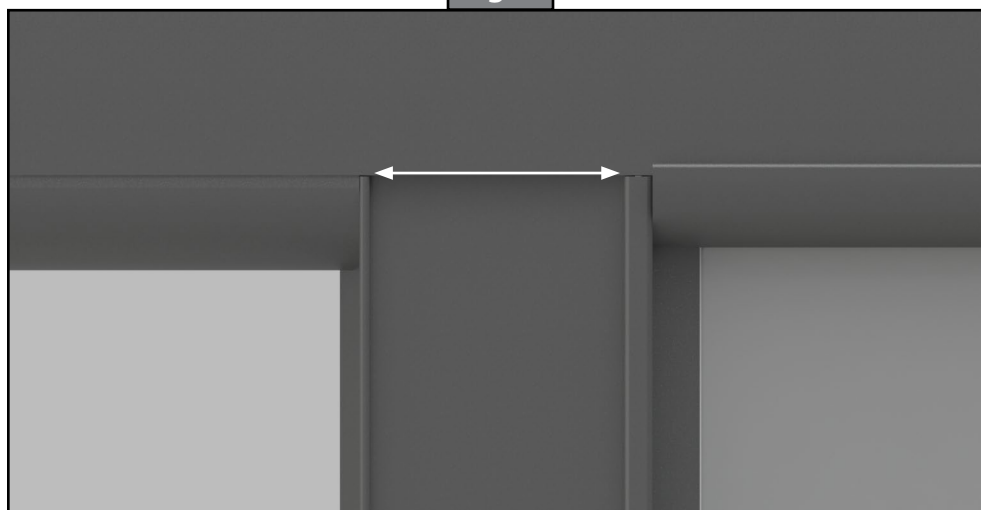
Fig. 4



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2. For extra protection, use 100 percent silicone and run a thin bead down the mullion on each side of the window where the mullion meets the back frame (Fig. 5). Smooth 100 percent silicone with cloth for desired aesthetics.

Fig. 5



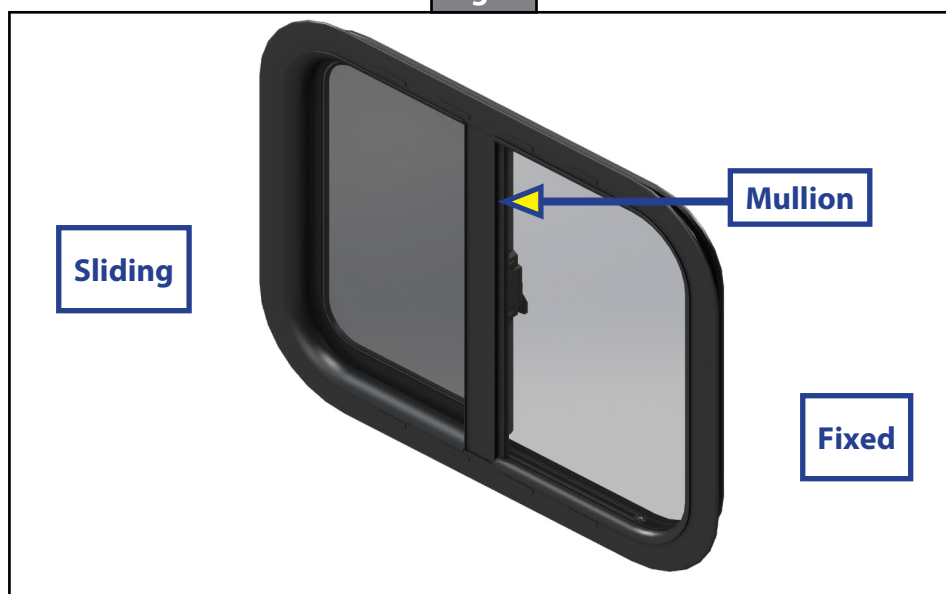
Fixed Glass Minor Hot Melt Voids

Perform this window repair only on the fixed-glass side of the window. The fixed-glass side is the portion of the window that does not open or move (Fig. 6).

NOTE: Do not place silicone on the vented side of the window glass.

1. Remove the rubber glazing from around the fixed-glass side of the window.

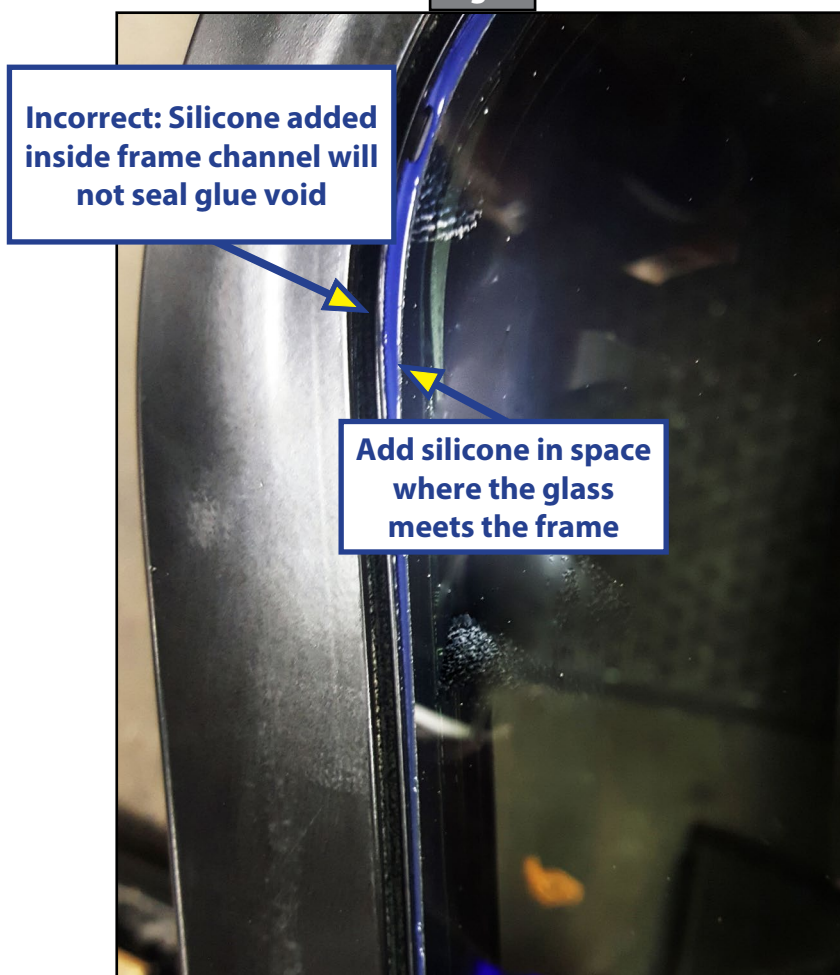
Fig. 6



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2. Using a caulk gun, apply a bead of 100% silicone in the space where the glass meets the frame on the fixed-glass side of the window (Fig. 7).

Fig. 7



3. Use a flashlight to verify that the silicone application is successful.
4. Reinstall the rubber glazing back into the window frame. If rubber glazing is not installing easily, remove it, soak it in warm, soapy water and reinstall.
5. Clean off any excess silicone.

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