



SecureLite™ Installation

Introduction

SecureLite is our solution for security glazing applications. The product accommodates both ¼" and 1" glass. It offers a secure ½" or 1" glass bite, through-bolt assembly, and a finished look with no visible fasteners.

For this reason, the product is also chosen for standard glazing applications when the lack of visible fasteners is desirable.



Important Notes

- ❑ These instructions are provided to help prevent installation problems caused by most common errors. They are strictly recommendations and are not intended to be a step-by-step, foolproof installation checklist suitable for every situation.
- ❑ There are many variations of installations not covered in these instructions that Special-Lite assumes are general construction knowledge to an experienced installer. Selection of an experienced installer is the sole responsibility of the project owner or responsible party.
- ❑ **Failure to follow good practice in installation will void the warranty on Special-Lite products.**
- ❑ If you have any questions about installation techniques for your particular project, please call 1-800-821-6531 and ask for a Special-Lite Customer Service Representative or Training Manager.

Procedure

1. Identify and mark the frames

- a. Identify the interior frame. It is characterized by pre-drilled holes. Using a marker, designate a top edge and mark the piece for “interior top” or “IN TOP.”

Even the exterior of the frame may be marked.



- b. Identify a top edge of the exterior frame (no pre-drilled holes) and mark it as “exterior top” or “EX TOP.”

2. Drill holes for through bolts

- a. Drill holes into the exterior frame to match the pre-drilled holes of the interior frame.
- b. Align the two pieces with matching top marks and clamp them together.
- c. Drill through the interior frame and into and through the exterior using a 13/64th inch drill bit. If that is not available, a 7/32nd inch bit will also work.



3. Glaze exterior frame

- a. Remove the clamps and set the interior frame aside for a moment.
- b. Use the loose glazing material included in your package for **three** sides of the exterior frame.



- c. Apply the glazing tape to the **top and sides** of the outer edge on the surfaces that will contact the door.

4. Clean the opening for the vision lite removing any debris



5. Place exterior frame

- a. Work from interior side of door.
 - i. If door is unmounted, position it with low bevel or inside of door facing up or work from the interior side of an installed door.
 - ii. If door is installed, you will need the assistance of a helper or will need a board to hold the exterior frame in place while you work.

- b. Note the top and bottom of the exterior frame (bottom should have no glazing tape).
- c. Place the exterior frame and secure with a sawhorse, workbench, or by clamping a board over it.



- b. Place the glass.



- c. Glaze the glass contact surfaces of the interior frame, making note of the top edge.



6. Glazing



Note

Follow the instructions of the glass manufacturer for glazing material and glass placement.

- a. Glaze the glass contact surfaces of the exterior frame.



- d. Set interior frame in place.



7. Install through bolts

- a. Push the bolts through the corresponding holes.
- b. Attach and secure the nuts.



- b. Work your way around the frame in either direction from this point.



8. Install finishing caps

Note

Take great care to install these caps. Repositioning them is nearly impossible without damaging the part.



Caps are identified by length. Be sure to match them carefully, especially if your project involves several doors.



- c. Repeat for the exterior frame.

- a. Start on any of the frame edges.

