

# INSTALLATION INSTRUCTIONS

## Full Vision Glass Installation Supplemental Instructions

(For use with Commercial & Industrial Sectional Doors Installation & Maintenance Manual)

This is a supplement to the Commercial & Industrial Sectional Doors Installation & Maintenance Manual (Referred to as MANUAL). It covers important information unique to certain Commercial door configurations. For all other information and safety warnings concerning your Commercial garage door, see the MANUAL. Read all of the information in both manuals before beginning installation.

These instructions cover the following areas, where this Commercial door installation differs from the standard Commercial door installation:

### 1. Full Vision Glass Installation



**WARNING**

**DO NOT HANDLE GLASS WITHOUT CUT RESISTANT GLOVES. Failure to do so could result in severe cuts to exposed skin.**

### Materials Required

- Open door sections
- Glass
- Glazing beads
- Butyl tap
- Rubber setting blocks (2" long x 1/2" wide)
- Cut resistant gloves
- Utility knife
- Acrylic or glazing hammer (do **not** use a steel hammer or rubber mallet)
- Spray bottle w/ water thoroughly mixed with 5-6 drops of mild dish soap
- Flat surface the full length of the door section. Cover surface w/ cloth or cardboard to minimize scratching or marking of door surfaces.

### Full Vision Glass Installation

**Step 1:** Place open aluminum section face down on flat surface. Lay butyl tap on all four sides of the inside aluminum channel where the glass will rest when installed, as shown. ( Pic A) Make sure one piece of butyl tape butts against the piece next to it for a proper

seal. Use the utility knife to cut the tape, as shown. (Pic B)



**Step 2:** Remove paper backing off the butyl tape and wet the butyl with soapy water, as shown. (Pic C) Wetting the butyl tape with soapy water allows for easier installation of the glazing and later trimming of the butyl tape. Note the butyl tape pieces butting against each other for a good seal.



**Step 3:** Lay the glass in place, while the butyl tape is still moist, position the glass to the top of the section and install the setting blocks between the glass and the aluminum bottom rail, as shown. (Pic D)



**Step 4:** Starting at a corner, seat the glazing bead against its mating aluminum channel, placing the glazing bead at an angle so that the outside lip seats and the face that touches the glass is at a slight angle, as shown. (Pic E)



**Step 5:** Using an acrylic or glazing hammer, start at the corner, tap the glazing bead into the aluminum channel, as shown. (Pic F & G)



**Step 6:** Continue installation of the remaining glazing bead for all four sides of the glass panel. Perform the

installation in Steps 1 through 5 for the remaining glass panels in the aluminum section.

**Step 7:** When the section is completely glazed, flip the section over and **lightly** run the utility along the edge of the section (taking care not to nick the finish or score the glass) to remove any excess butyl tap that is visible from the front of the door, as shown. (Pic H & I)



**Step 8:** Install horizontal reinforcement on the door while the door is still lying flat.

**IMPORTANT:** The door will be very heavy with the glazing installed. You may require three, or more, people to rotate & lift the section into place.