







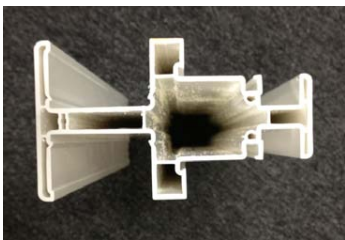
## Supplemental Installation Instructions for 3 & 4 Lite Patio Doors

The difference between the standard two lite installation and the three and four lite installation is the astragal that comes either attached or included with each door. The astragal is processed for immediate installation in the field and is attached to the keeper side of the door to assure minimal air leakage and prevents forced entry.

The 4202 and 6400 three lite patio door astragal is pre-processed and included in the packaging when shipped. It is processed and applied to the location of the keeper side based on the required handing chosen at the time of installation. The four lite installation follows the standard two lite guidelines for frame and fixed panels prior to applying the astragal to the keeper side of the two active sashes. The astragal for the four lite doors is typical for both series listed.

### Astragals

The astragal helps seal the gap between pairs of doors and is used to block sound, air, water and drafts.



3 lite already applied to direct set glass

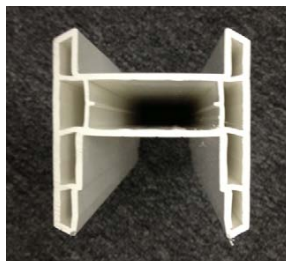
The hardware installation for the 4202 patio doors is a single point application and the location of the keeper is positioned with the keeper locator that is included in the hardware kit.

Multi point hardware is available only on the 6400 patio door and will be included with all two, three and four lite doors.

All four lite doors 4202, and 6400 include a dummy handle to apply to the second active panel to assure ease of operation.



4202, 6400: 3-lite applied in the field



4 lite: all doors

### In the installation package:

#### 4202 - 3 Lite

- 1 tube silicone
- 6 -#8 x 1¼" panhead screws (secure astragal)
- 2 -#8 x 1½" panhead screws (secure keeper)
- Single Steel Keeper
- Keeper alignment tool
- Keeper Shims 2

### In the installation package:

#### 6400 - 3 Lite

- 1 tube silicone
- 6 -#8 x 1¼" panhead screws (secure astragal)
- 4 -#8 x 1½" panhead screws (secure keeper)
- Multi-Point Steel Keeper
- Keeper alignment tool

### In the installation package:

#### 4202 - 4 Lite

- 1 tube silicone
- 4 -#8 x 1¼" panhead screws (secure astragal)
- 2 -#8 x 1½" panhead screws (secure keeper)
- Single Steel Keeper
- Keeper alignment tool
- Keeper Shims 2

### In the installation package:

#### 6400 - 4 Lite

- 1 tube silicone
- 4 -#8 x 1¼" panhead screws (secure astragal)
- 4 -#8 x 1½" panhead screws (secure keeper)
- Multi-Point Steel Keeper
- Keeper alignment tool



## *Supplemental Astragal/Screen Installation Instructions for 4 Lite Patio Door*

- Install screens per supplied screen installation. Take supplied astragal and cut to length to fit on screen between top and bottom of screen track allowing for 1/8" clearance.
- Before attaching to screen make sure the astragal has clearance along its entire travel path and will not bind along screen track.
- Check for fit and assure operation, making sure the door penetrates no less than 7/16" but no more than 1/2" into receiving pocket before applying keeper. This will ensure a proper interlock. If more penetration is required, you can remove the spacers from behind either fixed panels and push panel back into track to achieve desired depth.
- Attach astragal to the keeper side screen using the #8 x 1" pan head screws evenly distributed along length of part, as shown right.
- Note that small opening is to be applied to keeper screen. Attach screen keeper per instruction supplied with screen.

