



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.

Each series 4000, 4202 and 6400 patio doors in a three and four lite style each have an astragal specific to their series:

The 4000 series three lite comes with the astragal applied because of the direct set glass which eliminates the need to install the fixed lite in the field. The four lite 4000 series needs the astragal to be applied to the keeper side of the two operating sashes. Review the photo of the astragal for the 4000 series four lite installation which must be applied in the field on the keeper side of the active panels.

The 4202 three lite patio door astragal is specific to the series and 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 all series listed.

The installation of the 6400 patio door is the same as the previous guideline for the 4202.

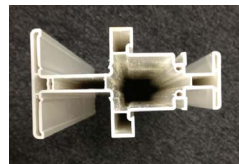
The hardware installation for the 4000 and the 4202 patio doors is a single point application and the location of the keeper is positioned with the keeper locator that is included in the hardware kit.

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 4000, 4202, and the 6400 include a dummy handle to apply to the second active panel to assure ease of operation.

Astragals

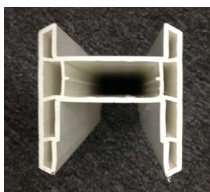
The astragal helps seal the gap between pairs of doors and is used to block sound, air, water and drafts.



4000: 3 lite already applied to direct set glass



4202, 6400: 3-lite applied in the field



4 lite: all doors

In the installation package:

4000/4202 - 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:

4000/4202 - 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