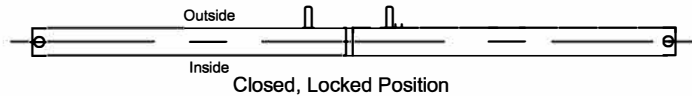


## Xcluder® Astragal Seal Installation Guidelines for Manual and Sliding Double Doors

Before installation: A) Make sure the doors close properly. B) Remove any seal material that may interfere with Xcluder. C) Make sure the doors' surfaces are not warped; Xcluder will not seal properly on warped doors.

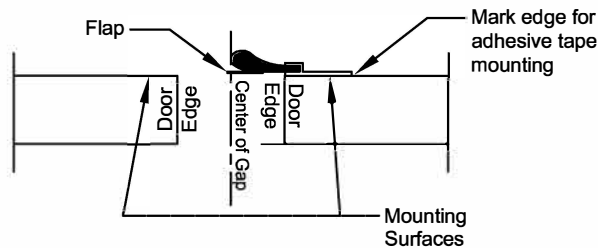
1. Install Xcluder Astragal seals with the doors in the closed, locked position. Two seals are required for manual double doors.



2. Measure and cut the Xcluder Astragal door seals 1/8" less than the distance from the floor to the door header as measured from the outside.
3. Clean both doors' mounting surfaces with rubbing alcohol.

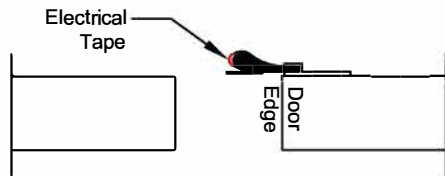
### For Adhesive Tape Mounting:

4. On one of the doors, line the flap seal up such that it is parallel to the door's edge, with the end of the seal lining up with the center of the gap between the doors. With a pencil, mark the position of the edge of the seal. Mark the seal wherever there is a need to cut out the bracket for locks, handles, etc. Do not cut through the seal mount.
5. Peel the blue protective tape off the seal's adhesive tape.



6. Line up the astragal seal to the pencil mark, with the bottom of the seal just off the floor. Gently press the seal in place when it is in proper position. For best adhesion, use a roller, rolling from the middle to the top and middle to the bottom of the seal.

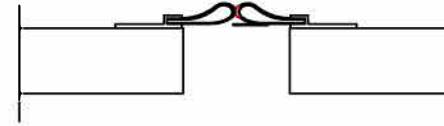
7. Attach a strip of electrical tape to the astragal seal from top to bottom, parallel to the door edge. The electrical tape will serve as a temporary locator for the non-flap astragal seal.



**Always wear gloves and safety glasses when handling Xcluder. DO NOT use on surfaces exceeding temperatures of 270°F(132°C). DO NOT use in electrical enclosures or receptacles. Use good quality scissors or shears to cut.**

8. Peel the blue protective tape off the non-flap seal's adhesive tape and with light pressure, line up the second astragal seal against the first, with the bottom of the seal just off the floor. Gently press the seal in place when it is in proper position.

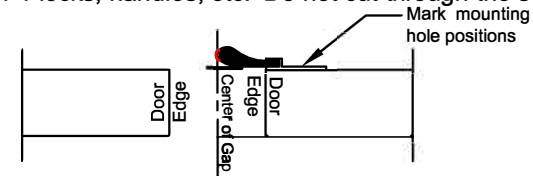
9. As with the first seal, use a roller, rolling from the middle to the top and middle to the bottom of the seal for best adhesion.



8. Remove the electrical tape and allow the adhesive to set for 20 minutes before closing the doors.

### For Screw-In Mounting:

4. On the back side of the seal, peel off the protective tape from the locator tape. Line the flap seal up such that it is parallel to the door's edge, with the end of the seal lining up with the center of the gap between the doors. With the bottom of the seal just off the floor, press the seal in place.
5. Mark the position of the seal's mounting holes and any areas that need to be cut out for locks, handles, etc. Do not cut through the seal mount.



6. Remove the seal and drill the screw pilot holes in the places just marked in Step 3. Make any cutouts necessary for locks, handles, etc., then mount the astragal seal to the door with the screws provided.
7. Line up the second astragal seal against the first, with the bottom of the seal just off the floor. With the seal held in place, mark the position of the mounting holes and cutouts for the second seal.
8. Remove the seal and drill the screw pilot holes in the places just marked in Step 5. Mount the astragal seal to the door with the screws provided.
9. Remove the electrical tape.