

Air Infiltration Sealing Instructions

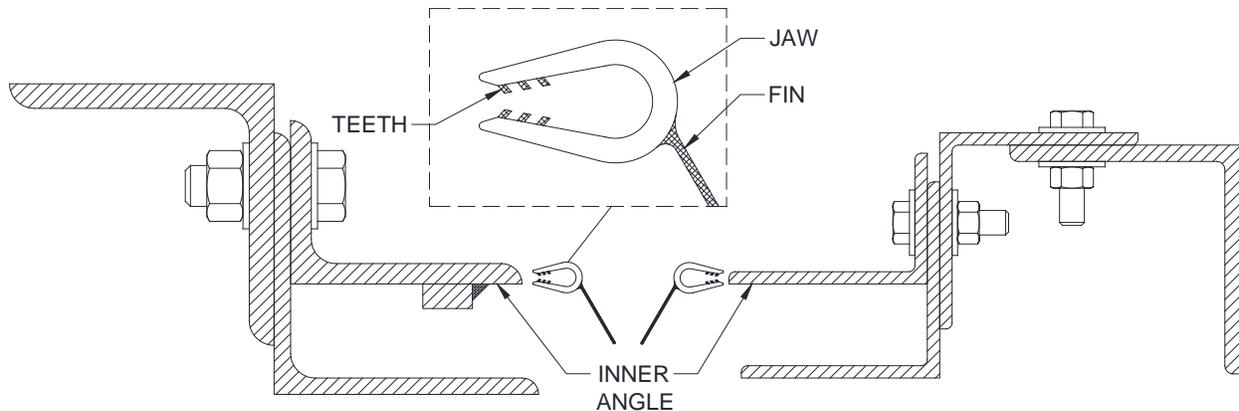
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Guides

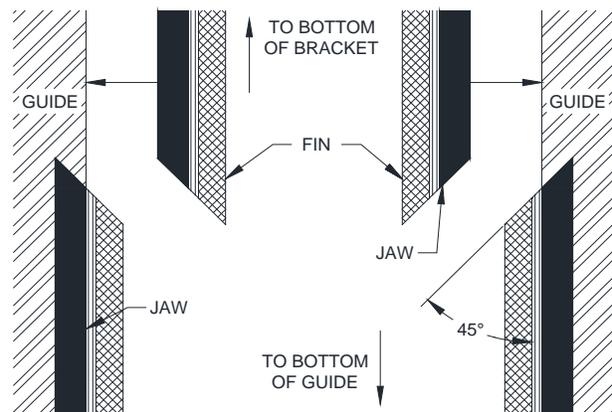
Guide Weather Seal Installation Instructions

NOTICE – A rubber mallet should be used to properly install the seal. DO NOT install the seal using a steel hammer. Use caution when installing the seal below freezing temperatures, as it may crack if handled or installed improperly. If possible store the seal above freezing temperatures until it is installed.



1. The seal should cover from the bottom of the bracket to the bottom of the guide. Check this by either measuring it or holding it up to the guide. If the seal does not cover from the ground to the bottom of the bracket, a spliced section is needed, proceed to step 2. If no splice is required proceed to step 3.

2. If a splice is required, a Craftsman Handi-Cut utility cutter is recommended or a pair of tin snips or other cutting device can be used to cut the seal. Trim the bottom of the upper piece at a 45 degree angle from the jaw through to the fin. Trim the top of the lower piece at a 45 degree angle from the fin and jaw. See adjacent figure for how to trim the seal. Tape or other adhesive can be used to join the spliced weather seal, if desired.



3. Start at the top of the guide and work downward. Be sure that the seal is fully seated on the angle.

****NOTE - Starting at the bottom may be difficult, as the flexibility of the material will cause it to pull away from the guide as it is being installed.**

4. Run the door up and down a few times to ensure that the seal is installed properly.

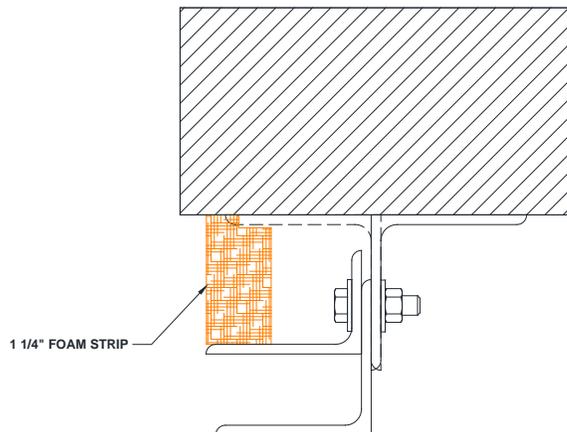
Guides

Face of Wall "E" or "Z" Guide

- To completely seal the guide area, pieces of foam will be supplied in addition to the vinyl weather seal. The foam is designed to have a tight fit and should be compressed into place between the inner guide angle and the wall or wall angle depending on the type of guide.

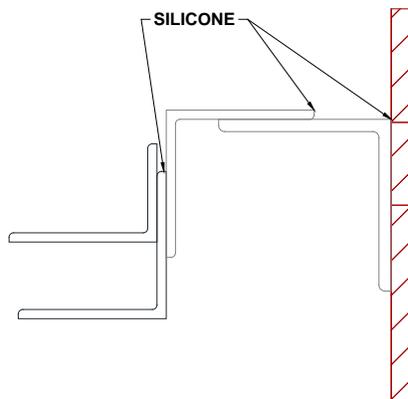
The foam must run from the floor to the underside of the lintel seal mount and be compressed tightly.

- Starting on the floor, insert one end of the foam into the guide assembly (between the inner angle and wall or wall angle) matching the shape in the figure below. Make sure it is flush with the edge of the guide assembly.
- Carefully work the rest of the foam piece into the gap, a few inches at a time.
- When inserting the next piece of foam, make sure it contacts the previous foam piece in the guide assembly by adjusting it downward after inserting the end.
- Continue this process until the span from the floor to the underside of the lintel seal mount has the foam installed. Cut the last piece to the appropriate length and any cut edges should face towards the lintel seal at the top.



Between Jambs Guide

- In addition to the vinyl weather seal, silicone must be applied in the locations identified below for between jambs applications.



Lintel Seal

▪ "Z" Shaped Seal

Note: The Lintel Seal should be installed before the hood and fascia, and after all other door components are installed and operational.

1. Clean and inspect the top of the opening where the *Lintel Seal* will be installed. See shop drawings for details.
2. Make the "A" & "B" cutouts to the ends of the extrusion(s) according to the dimensions on the shop sheet to allow for the guide setbacks and pack-off. (See **Figure 9.1**)

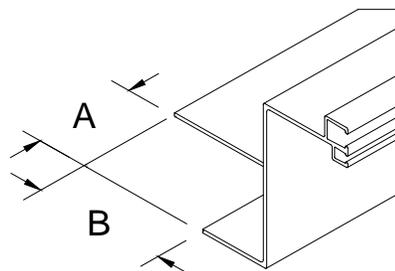


Figure 9.1 - "Z" Shaped Lintel Seal Cutout

3. Mark and drill the mounting holes in the extrusion. Ensure the mounting holes allow sufficient clearance for the fasteners being used to attach the lintel seal. The mounting holes should be spaced at a maximum of 24 inches apart. Position the holes equally between the front edge of the lintel and the back edge of the extrusion.
4. Place the lintel seal at the bottom of the lintel with the vinyl contacting the curtain (in the closed position) with the bristles pushed to about a 45-degree angle. **NOTE:** When installing the brush, notice the bristles are different lengths, face the side with shorter bristles upward toward the coil to allow the vinyl to contact the curtain. (See **Figure 9.2**)

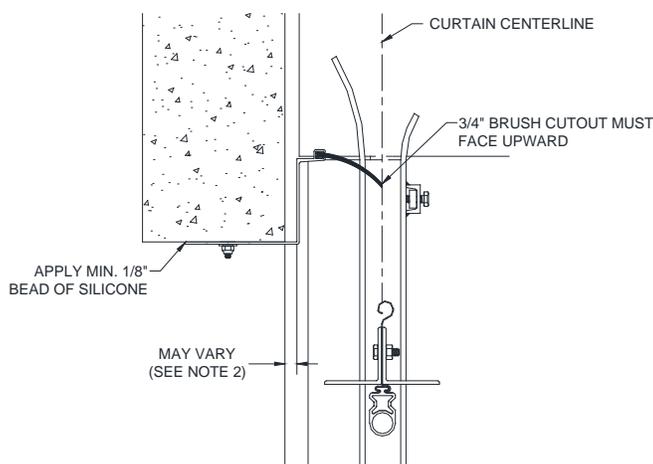


Figure 9.2 - "Z" Shaped Lintel Seal

Note: Check the lintel brush for proper contact on the door curtain at the edges and in the middle when the door is both open and closed (mounting extrusion will not sit flush with the corner of the lintel in most cases). On large doors, toward the center, the multi-piece Lintel Seals may have to be angled inward and trimmed on the edges to follow the bow of the door curtain when closed. (Make sure that the brush stays in contact with the door and that the door does not hit the extrusion when it is fully opened.)

5. Once you determine the correct mounting position of the lintel seal, mark the mounting hole locations on the header using the previously drilled holes in the mounting extrusion as a template.
6. Remove the lintel seal and prepare the mounting hole locations for the proper fasteners supplied with the unit.
7. Replace the lintel seal in the opening and insert the fasteners. Make any adjustments the Lintel Seal and properly orient the multi-piece lintel seal (if present) and tighten the fasteners.
8. Operate the door and ensure that the lintel seal sustains sufficient contact with the curtain (The curtain should always touch the Lintel Seal and not hit the extrusion).
9. Once lintel seal is mounted in place apply silicone to the locations identified above in *Figure 9.2*.

Lintel Seal

▪ "L" Shaped Seal

Note: The Lintel Seal should be installed before the hood and fascia, and after all other door components are installed and operational.

1. Clean and inspect the top of the opening where the *Lintel Seal* will be installed. See shop drawings for details.
2. Mount the angle to the lintel with the correct fasteners according to the wall construction. (Refer to the job information for the correct location of the angle from the lintel.)

Note: Check the lintel seal for proper contact on the door curtain at the edges and in the middle when the door is both open and closed. On large doors, toward the center, the multi-piece Lintel Seals may have to be angled inward and trimmed on the edges to follow the bow of the door curtain when closed. (Make sure that the vinyl stays in contact with the door and that the door does not hit the extrusion when it is fully opened)

3. Place the brush extrusion in place on the mounting angle so the vinyl makes contact with the door in the closed position. (Brush should be at about a 45-degree angle) Mark the mounting holes locations. Before removing the lintel seal, scribe a line on the back edge of the extrusion and mounting angle. This will help ensure the lintel seal is replaced in the correct location.
4. Remove the lintel seal. Drill the required pilot/clearance holes in the mounting extrusion. The mounting holes should be spaced at a maximum of 24 inches apart. Position the holes equally between the front and the back edges of the extrusion, or as needed to line up with the mounting angle.
5. Replace the lintel seal on the angle using the scribed line as a guide. Mark the mounting holes on the angle using the previously drilled holes in the mounting extrusion as a template. Remove lintel seal and drill the required pilot/clearance holes.
6. Attach the extrusion to the mounting angle with the proper fasteners. **NOTE:** When installing the brush, notice the bristles are different lengths, face the side with shorter bristles upward toward the coil to allow the vinyl to contact the curtain.
7. Operate the door and ensure that the lintel seal sustains sufficient contact with the curtain (The curtain should always touch the Lintel Seal and not hit the extrusion).
8. Once lintel seal is mounted in place apply silicone to the location identified below in *Figure 9.3*.

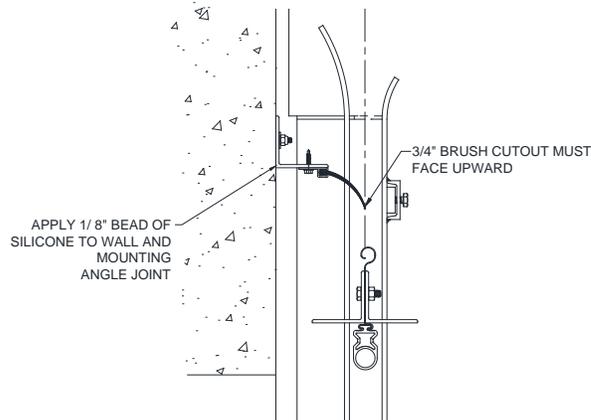


Figure 9.3 - "L" Shaped Lintel Seal

Lintel Seal

- “L” Shaped Seal 1024 Between Jamb Units

1. Be sure to clean bottom of coil box tube where lintel seal is to be installed. See shop drawings for details,
2. Hold the lintel seal with the extrusion flush to the back of the coilbox on the bottom of the tube. Be sure that the vinyl contacts the curtain across the entire opening when in the closed position. If this does not occur adjust the lintel seal by sliding the extrusion towards the curtain until full contact is made. Mark the mounting hole locations. If necessary scribe a line along the back of the extrusion, this will help place it back in the proper position.

Note: Check the lintel seal for proper contact on the door curtain at the edges and in the middle when the door is both open and closed. On large doors, toward the center, the multi-piece Lintel Seals may have to be angled inward and trimmed on the edges to follow the bow of the door curtain when closed. (Make sure that the vinyl stays in contact with the door and that the door does not hit the extrusion when it is fully opened)

3. Remove the lintel seal. Drill the required pilot/clearance holes in the mounting extrusion. The mounting holes should be spaced at a maximum of 24 inches apart. Position the holes equally between the front and the back edges of the extrusion, or as needed to line up with the mounting angle
4. Replace the lintel seal on the Coilbox using the back of the tube or the scribed line as a guide. Mark the mounting holes on the tube using the previously drilled holes in the mounting extrusion as a template. Remove lintel seal and drill the required pilot/clearance holes.
5. Attach the extrusion to the Coilbox with the proper fasteners. **NOTE:** When installing the brush, notice the bristles are different lengths, face the side with shorter bristles upward toward the coil to allow the vinyl to contact the curtain.
6. Operate the door and ensure that the lintel seal sustains sufficient contact with the curtain (The curtain should always touch the Lintel Seal and not hit the extrusion).
7. Once lintel seal is mounted in place apply silicone to the location identified below in *Figure 9.4*.

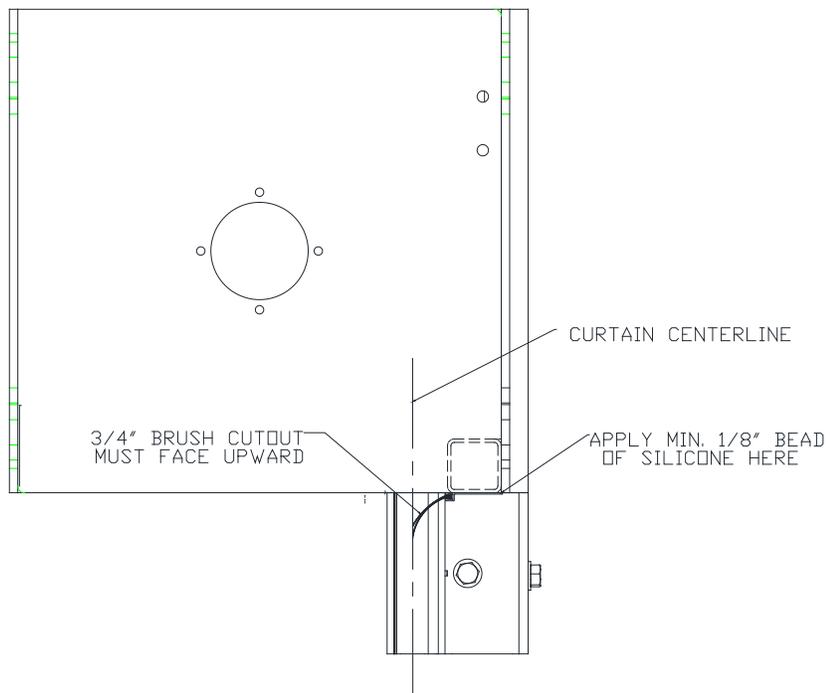


Figure 9.4 “L” Shaped Lintel Seal 1024 Between Jamb