



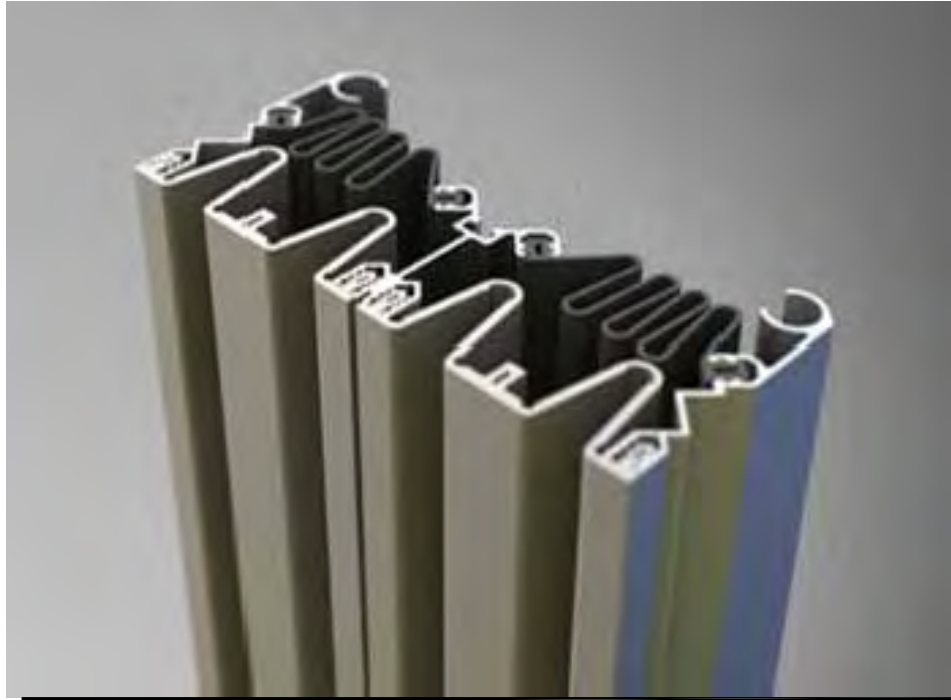
Installation Procedure

Watson Bowman Acme Corp. 95 Pineview Drive Amherst, NY 14228

phone: (716) 691-7566 fax: (716) 691-9239

website: www.wbacorp.com

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Wabo® WeatherSeam Model(s) "WSW 800, 1000 & 1200" Horizontal & Vertical Expansion Control Systems

The following installation procedure is very important and must be fully understood prior to beginning any work. To ensure proper installation and performance of expansion joint system the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

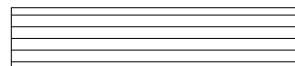
- 1) Carefully read and understand installation procedure. Contact WBA's Technical Service Department at (800) 677-4922 for product assistance.
- 2) Inspect all shipments and materials for missing or damaged components and hardware. Contact Customer Service at (800) 677-4922 with WBA's order number and invoice for prompt assistance.
- 3) Inspect substrate or adjacent construction for acceptance before beginning work. Report unacceptable construction to the project manager for scheduled repair work.
- 4) Review WBA shop drawings for project specific detailed information if Engineering services were purchased at time of order.

Standard Components

* 1/4" x 2 1/2" Screw Anchor
(P/N - 5782)



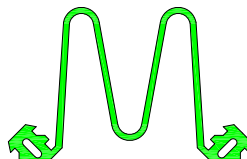
1/4" Dia x 2" Bolt
(P/N - 4837)



* Plastic Insert
(P/N - 5786)



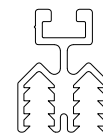
Wall Mount Aluminum Extrusion (Exterior)
(P/N - 1296)



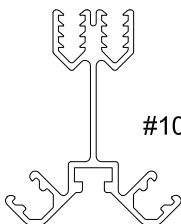
Moisture Barrier
(P/N - 1175)



#10-24 x 1/2" Lg Csk. Screw
(P/N - 5573)



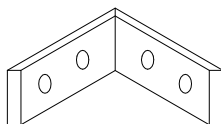
Aluminum Center Profile (Interior)
(P/N - 1294)



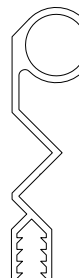
Aluminum Center Profile (Exterior)
(P/N - 1293)



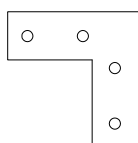
NP-1 Sealant (P/N - 2826)



* 90° Horiz. Rail Splice Plate Aluminum
(P/N - 8364)



Wall Mount Aluminum Extrusion (Interior)
(P/N - 1295)



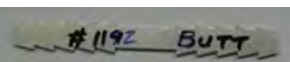
* 90° Rail Splice Plate Aluminum
(P/N - 8365)



* PP Primer
(P/N - 2717)



Prima-Lub (P/N - 2720)



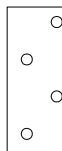
* Butt Splice Clip Seal only
(P/N: 1192)



Horiz. to Horiz. Splice Clip
* Seal only (P/N: 1193)



Horiz. to Vert. Splice Clip
* Seal only (P/N: 1194)



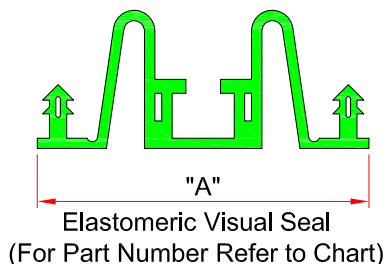
* Butt Rail Splice Plate Aluminum
(P/N - 8366)



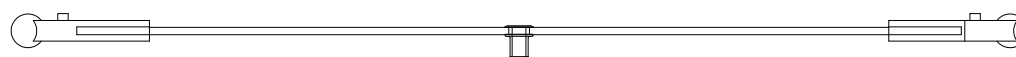
* 241F Adhesive
(P/N - 2716)

* Optional Components for Splice Procedures. Place order for required Quantities

Components shown below vary in size depending on model of system



Dimension Chart & Part Number		
Model	"A"	Part Number
WSW-800	4"	1342
WSW-1000	5"	1262
WSW-1200	6"	1362



Self-Centering Bar
(For Part Number Refer to Chart)

Dimension Chart & Part Number		
Model	"B"	Part Number
WSW-800	1'-6 3/8"	15630
WSW-1000	1'-10 3/8"	15631
WSW-1200	2'-2 3/8"	15603

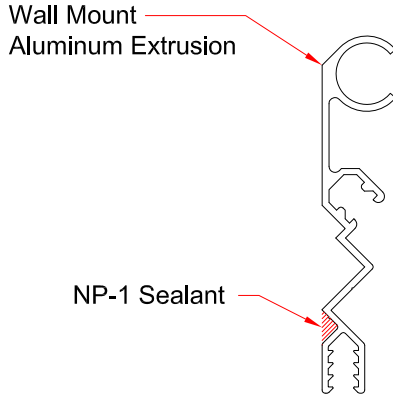
Installation procedure: WSW WeatherSeam 2 Seal system

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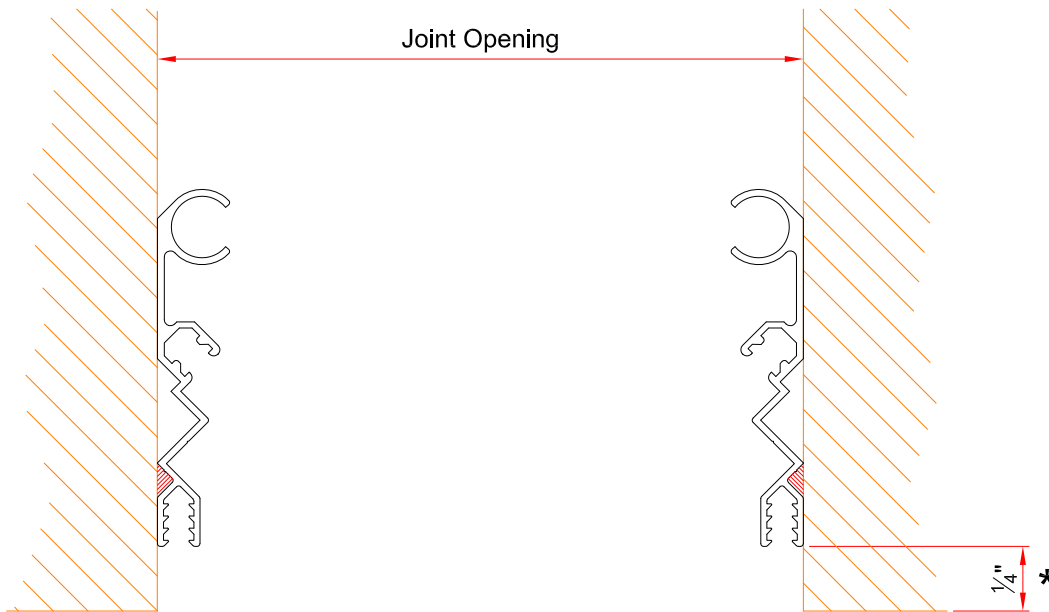


Flush Condition

Note: Review entire procedure before beginning. If step 7 is not possible due to limited space follow steps 5-7 first outside of joint opening, then do steps 1-4 and then install seals.



- 1** - Apply continuous bead of NP-1 Sealant along back of the aluminum extrusions prior to installation. (exterior only)



- 2** - Field measure all lengths and directional changes for aluminum extrusions to ensure their proper layout where required. Temporarily fix extrusions to wall surface in position as shown for field drilling operations.

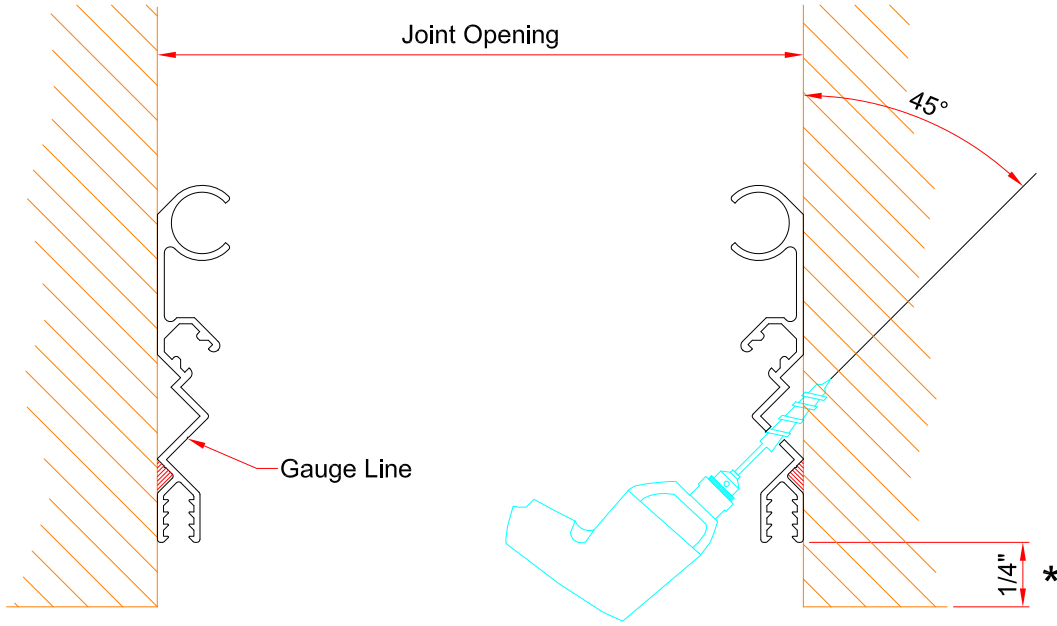
* Note: Always review architectural plans for specific project requirements

Installation procedure: WSW WeatherSeam 2 Seal system

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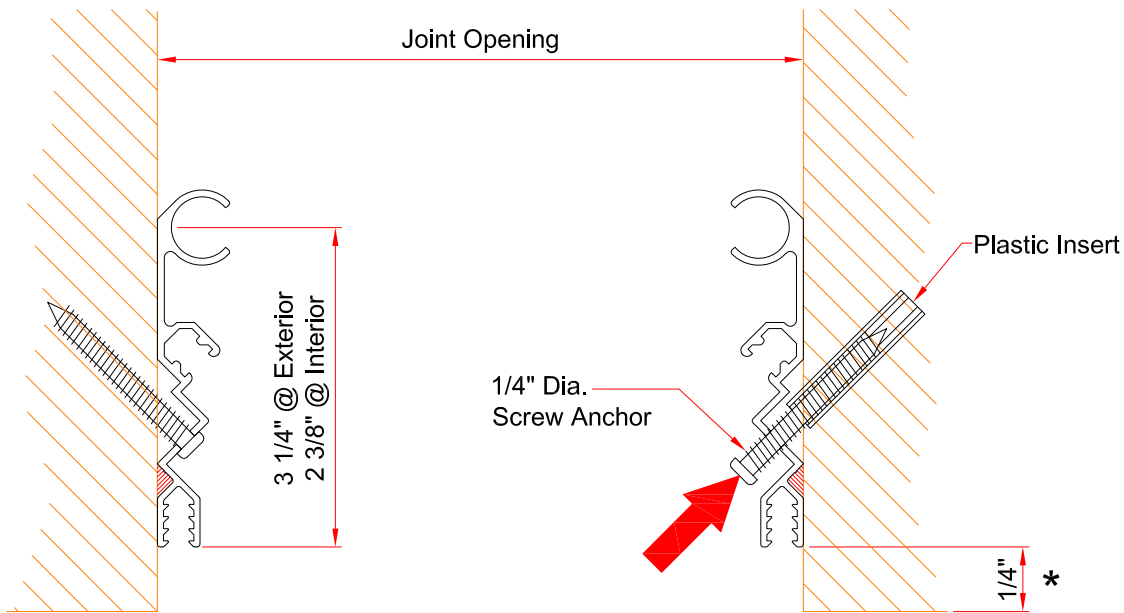
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3

- Field drill anchor holes at 18" O.C. (Max) along aluminum gauge line. Drill through aluminum into adjacent construction on a 45° angle.
Note: All mortar joints in exterior walls must be flush with face of masonry to ensure tight weather seal.



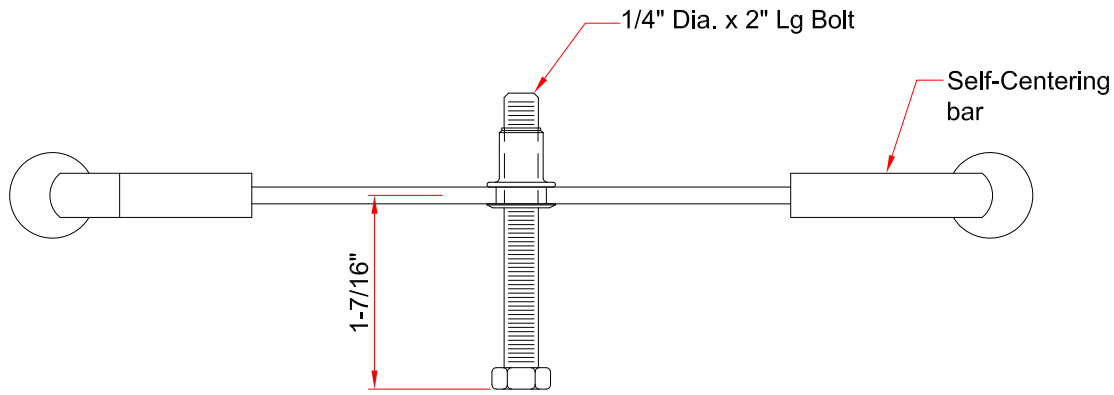
4

- Secure aluminum extrusions using appropriate anchors supplied by manufacturer.
Note: Utilize plastic inserts for securing Aluminum Extrusions to wall, if wall construction is either CMU or a Masonary wall.

Installation procedure: WSW WeatherSeam 2 Seal system

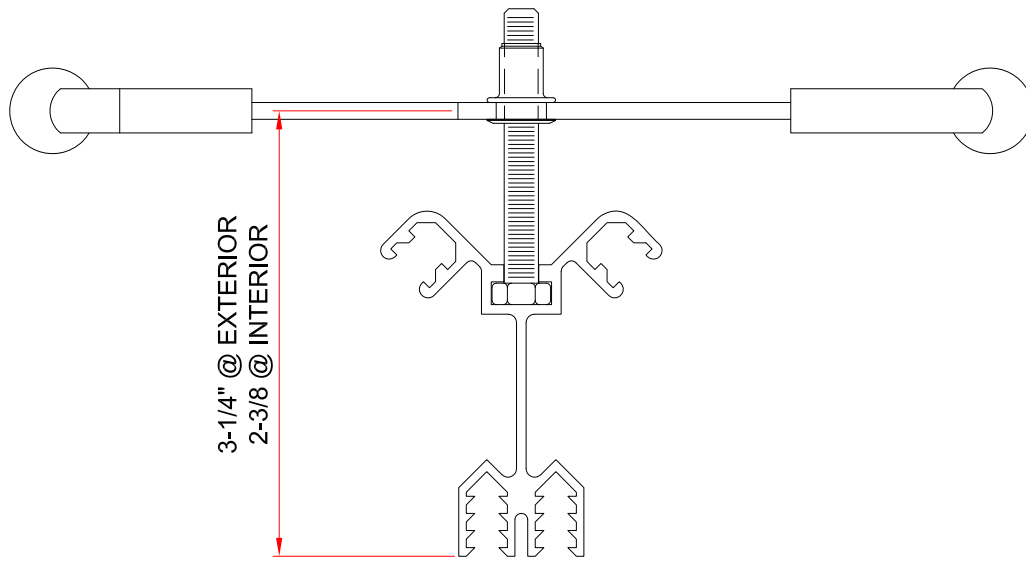
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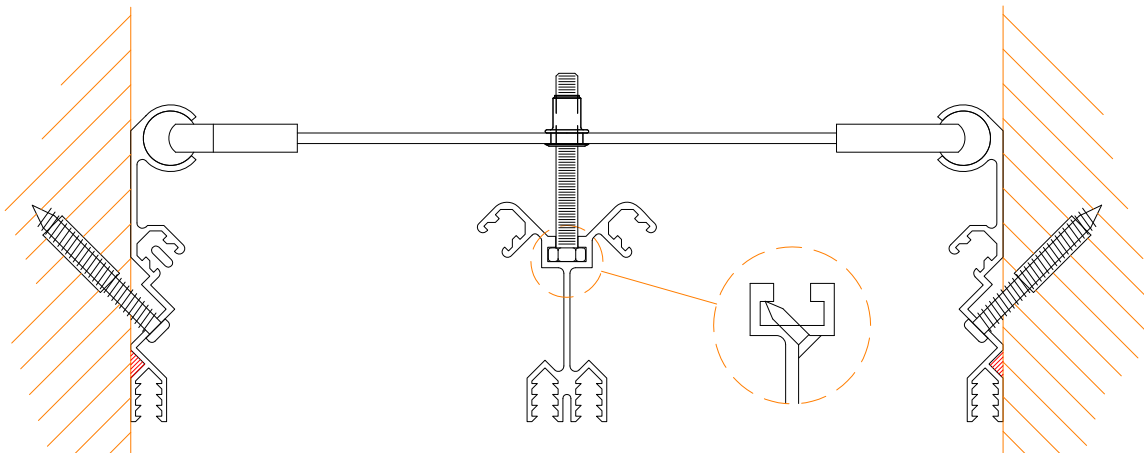
5

- Thread 1/4" dia. Bolt thru self-centering bar to achieve dimension shown.



6

- Slide bolt into the center extrusion spaced at 18" O.C. Adjust self-centering bar to achieve dimensions indicated.



7

- Set center extrusion with self-centering bars into joint opening sliding the spheroid ends of the bars into the circular cavity of the edge extrusions. Adjust bars to correct spacing (18" O.C.) one at a time and drill in the #10 - 24 x 1/2" csk flat head self tapping screw into the center extrusion bolt cavity below the bolt head at proper spacing to hold self-centering bars in place.

Note: If area to perform step 7 is limited refer to the general note on page 2 on optional method of assembly.

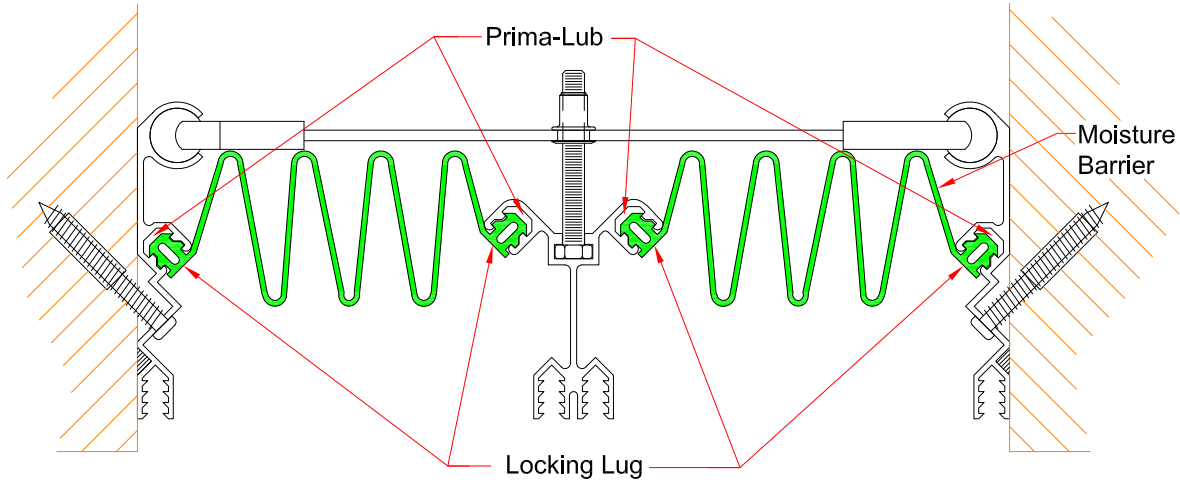
Installation procedure: WSW WeatherSeam 2 Seal system

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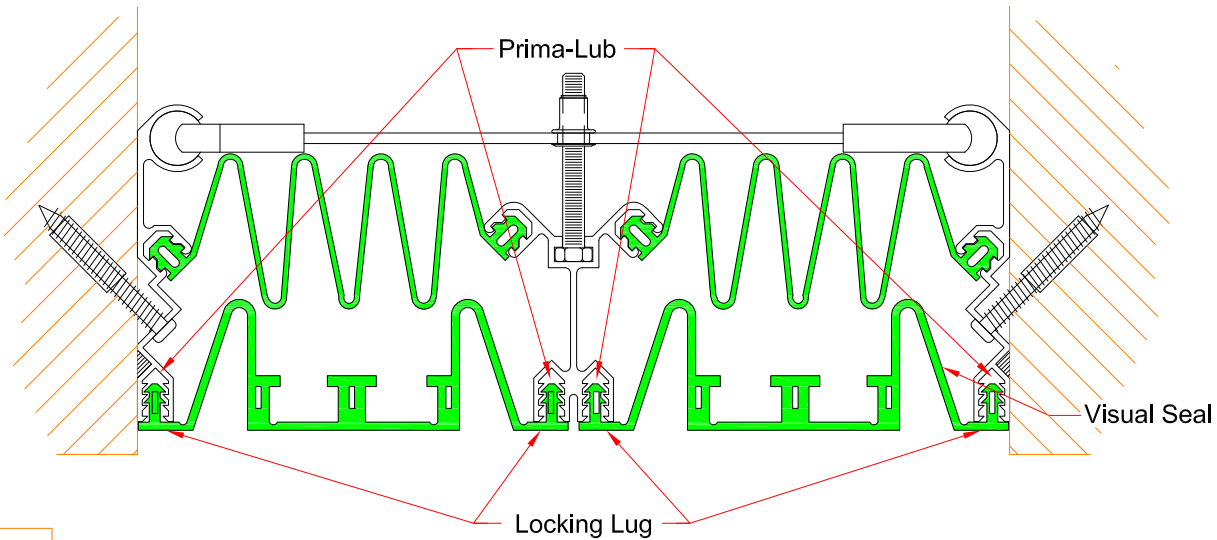
Installation procedure: WSW WeatherSeam 2 Seal system

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8

- Brush apply prima-lub adhesive into extrusion cavity and install functional seals/moisture barriers. Ensure full engagement of the lug.

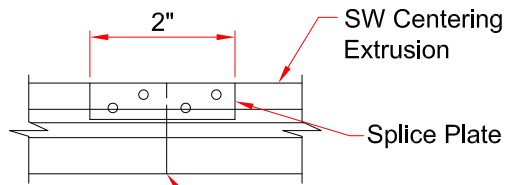


9

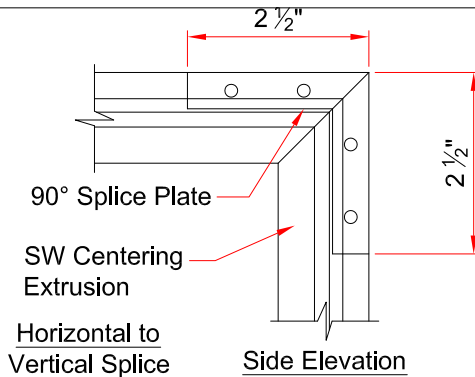
- Brush apply prima-lub adhesive into extrusion cavity and install visual seals. Ensure full engagement of the lug.

Installation procedure: WSW WeatherSeam 2 Seal system

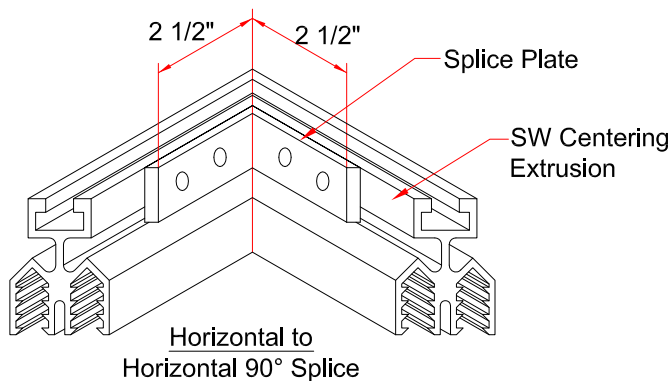
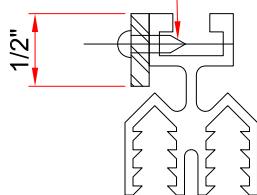
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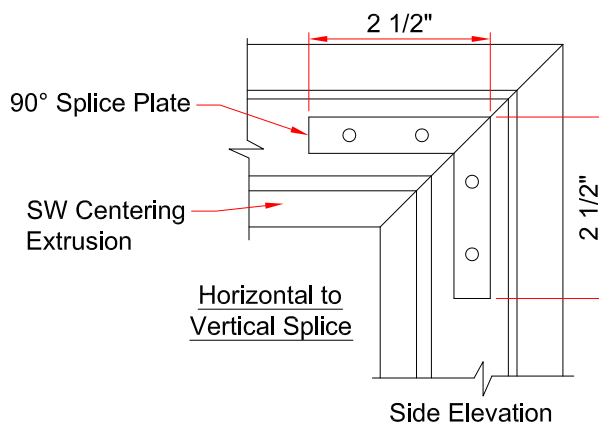
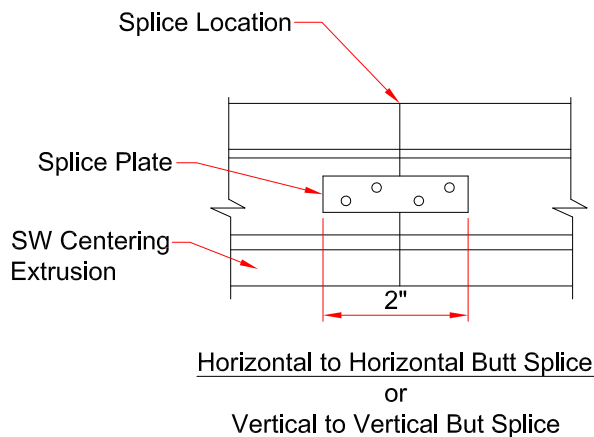
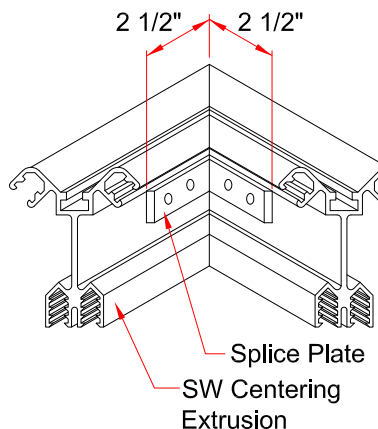
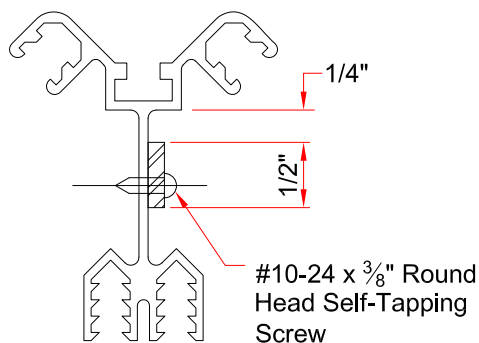
Horizontal to Horizontal Butt Splice
or
Vertical to Vertical Butt Splice



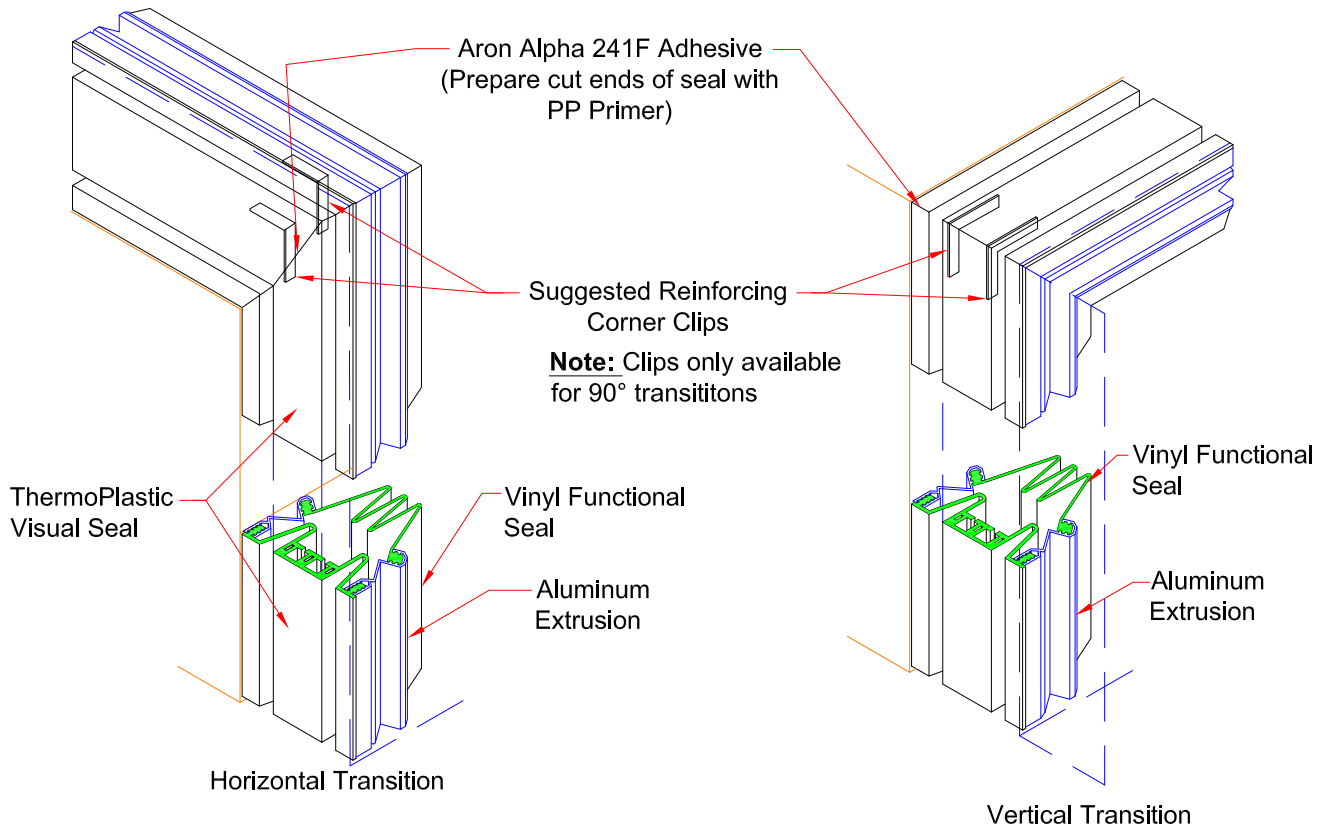
#10-24 x 3/8" Round Head Self-Tapping Screw



Interior Extrusion Splice Details



Exterior Extrusion Splice Details



"WSW" Visual Seal Field Splice Procedures

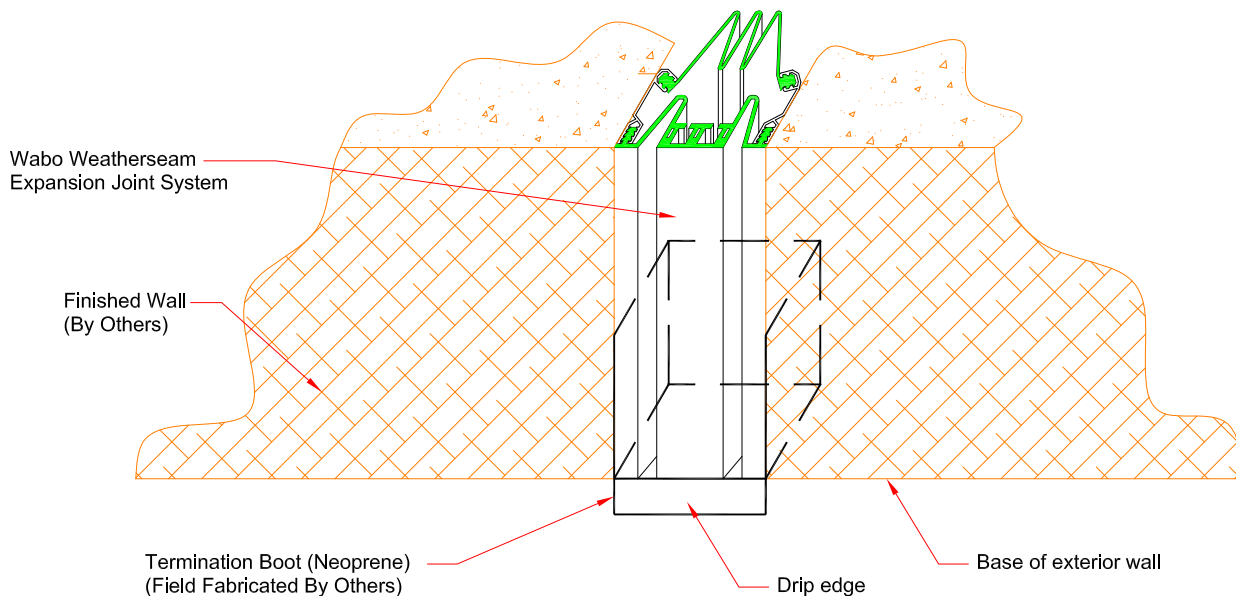
Used for direction changes, Going around corners, Parapets, Etc
(Santoprene Only)

1. Cut ends of the WSW visual seal, with a sharp knife, to the desired angle using a formed jig with miter box (supplied by contractor). Insure cuts are clean, straight and square.
2. Cleans ends of seal with a solvent to remove any foreign material.
3. Brush apply PP Primer to both seal ends to be joined together at splice.
4. Reassemble mitered ends of adjacent seals utilizing the reinforcing corner clips (for 90° transitions only).
5. Apply 241F adhesive as specified by the manufacturer to one of the two seal surfaces to be bonded.
6. Apply pressure bringing the two surfaces in tight contact immediately upon completing application of the adhesive. Hold in place for approximately one to two minutes to allow adhesion.
7. Re-check quality of all miters or splices and apply additional adhesive if required to ensure proper miter or splice.
8. Contact manufacturer for clarification of above procedure (if required) prior to proceeding with splicing visual seal profile. It is usually recommended to allow 15 minutes time before installing spliced seal. Care shall be excercised as a result that it takes 24 hours for adhesive to fully cure.

Installation procedure: WSW WeatherSeam 2 Seal system

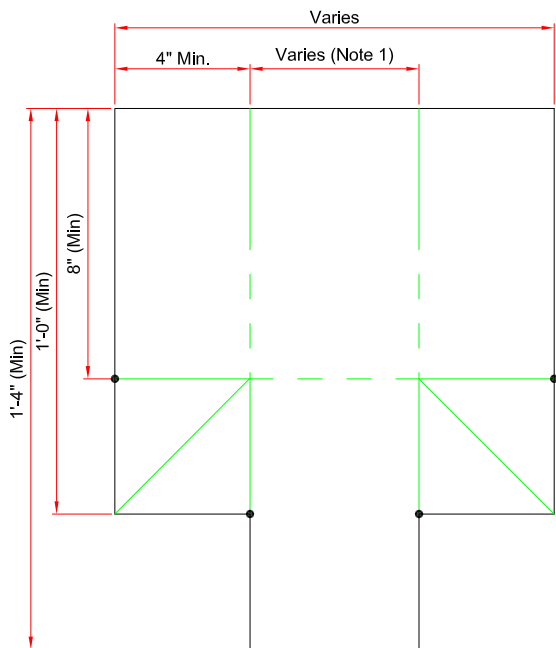
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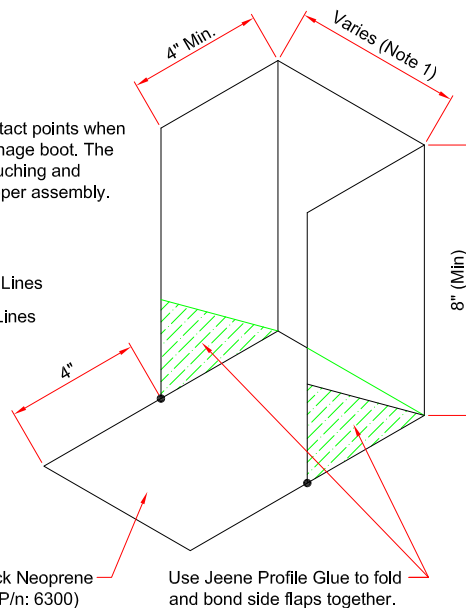
"WSW" Termination Detail

Can be used at the base of the WSW Seal Installation



• Represents Contact points when assembling drainage boot. The Dots must be touching and bonded for a proper assembly.

— = Fold Lines
— = Cut Lines



Material: 1/32" Thick Neoprene Sheetgood. (WBA P/n: 6300)

Use Jeene Profile Glue to fold and bond side flaps together.

Notes:

1. Overall width of Boot Transition will be determined on the amount of movement the WSW system can accommodate during normal movement ranges. WBA suggests that the dimension will be at least Maximum Opening plus 1". This is to ensure that there will not be any damage to the boot while the system is at maximum opening.

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