EWJ-Series (Exterior Wall Joint)

INSTALLATION INSTRUCTIONS

Recommended Tools

- Drill bits for base members (metal)
- Drill bits for concrete (as needed)
- Power drill/hammer drill
- Phillips head screwdrivers
- Wallpaper roller (1/2”)
- Miter box
- Utility knife
- Hacksaw or chop saw
- Adhesive/sealant—Sikaflex 1A

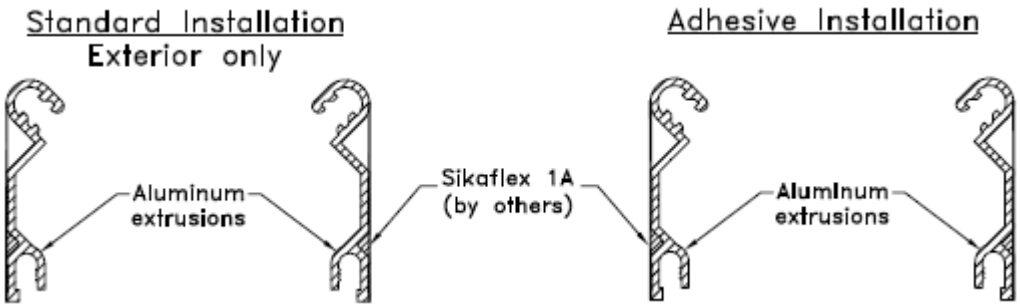
Parts

- Visual face seal
- Aluminum base members
- Base member anchors
- Moisture barrier seal

NOTE: 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 our technical department for product assistance.
2. Inspect all shipments and materials for missing or damaged components and hardware. Contact customer service with 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.

System Installation



1. Apply adhesive along back of the aluminum extrusions prior to installation—following adhesive manufacturers guidelines.

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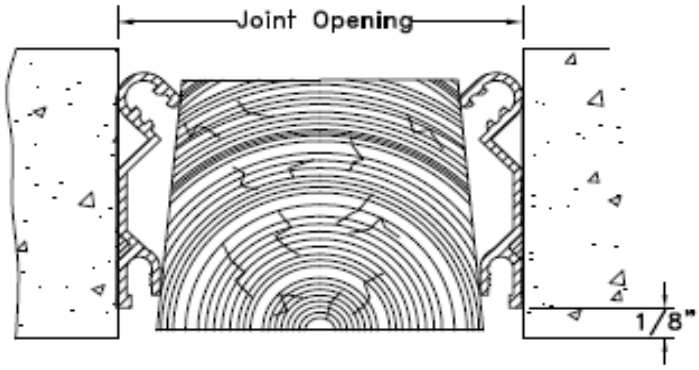
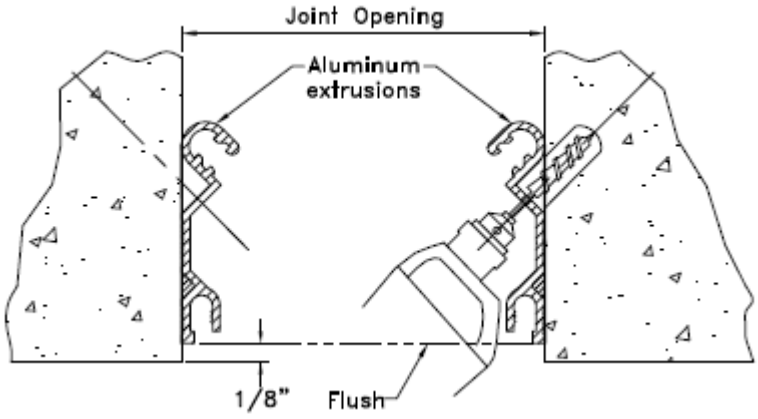
System Installation



2. Field measure all lengths and directional changes for aluminum extrusions to ensure their proper layout where required. Mount extrusions to wall surface and install temporary wood blocking to secure extrusions to wall while adhesive cures and for field drilling for standard installation. Wood blocking should be non-continuous to permit field drilling of anchor holes at required spacing. Contact adhesive manufacturer for proper cure times before proceeding to next step.

NOTE: **For standard installation, continue to Step 3

**** For adhesive installation, go to Step 5**



3. Position aluminum extrusions and mark hole locations. Drill holes through aluminum flange and into wall for 3/16” Tapcon screws @ 18” O.C.

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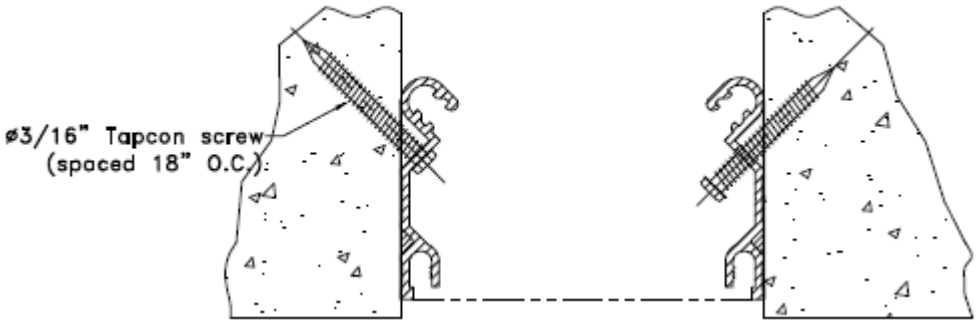
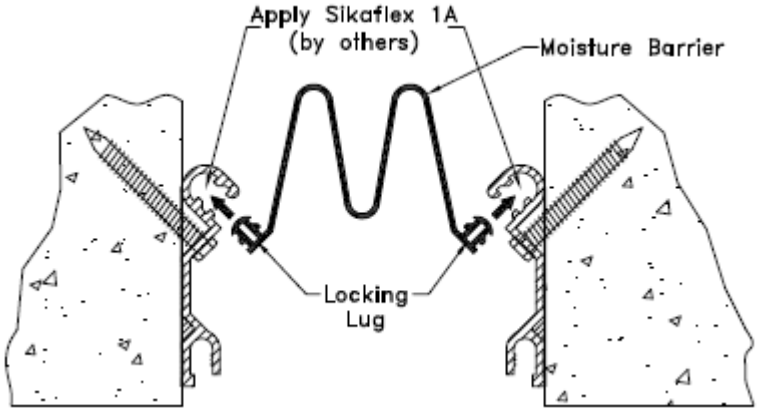
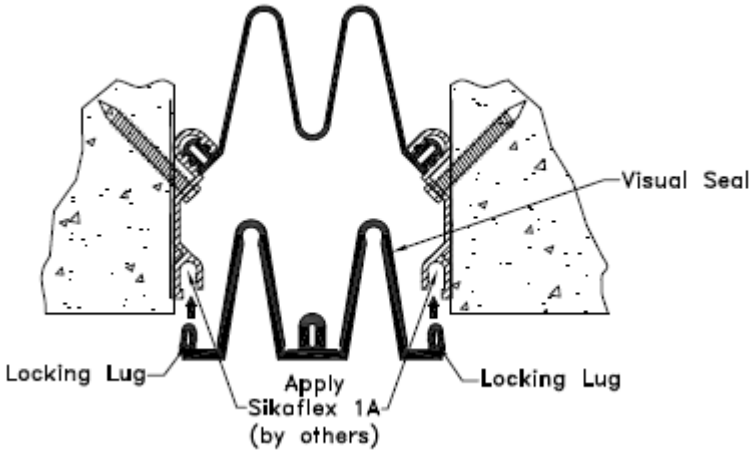
System Installation



4. Secure aluminum extrusions to wall with 3/16” Tapcon screws @ 18” O.C.



5. Before installing moisture barrier, apply Sikaflex 1A adhesive to rear locking cavities of the aluminum extrusions. Ensure full engagement of locking lug.



6. Before installing visual seal, apply Sikaflex 1A adhesive into front locking cavities of aluminum extrusions. Ensure full engagement of locking lug.

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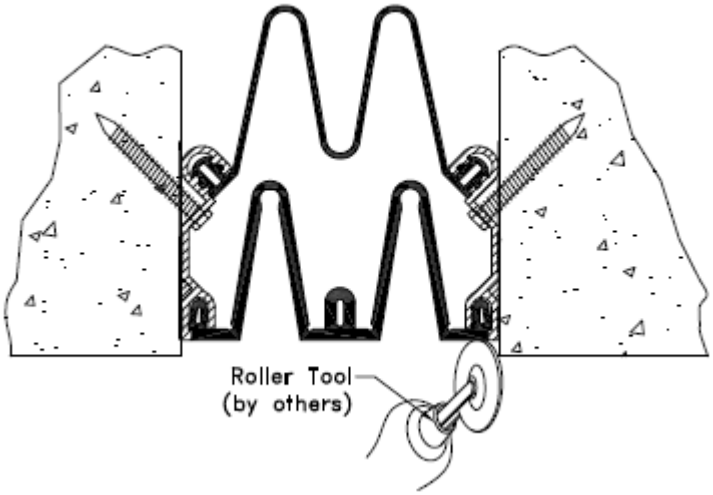
System Installation



7. Utilizing roller tool, apply pressure directly over locking lug to ensure proper engagement of seal lug.

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EWJ Visual Seal Field Splice Procedures

** Used for directional changes, going around corners, parapets, etc. (Santoprene only)

Splicing:

1. Cut ends of the 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. Clean ends of seal with a solvent to remove any foreign material.

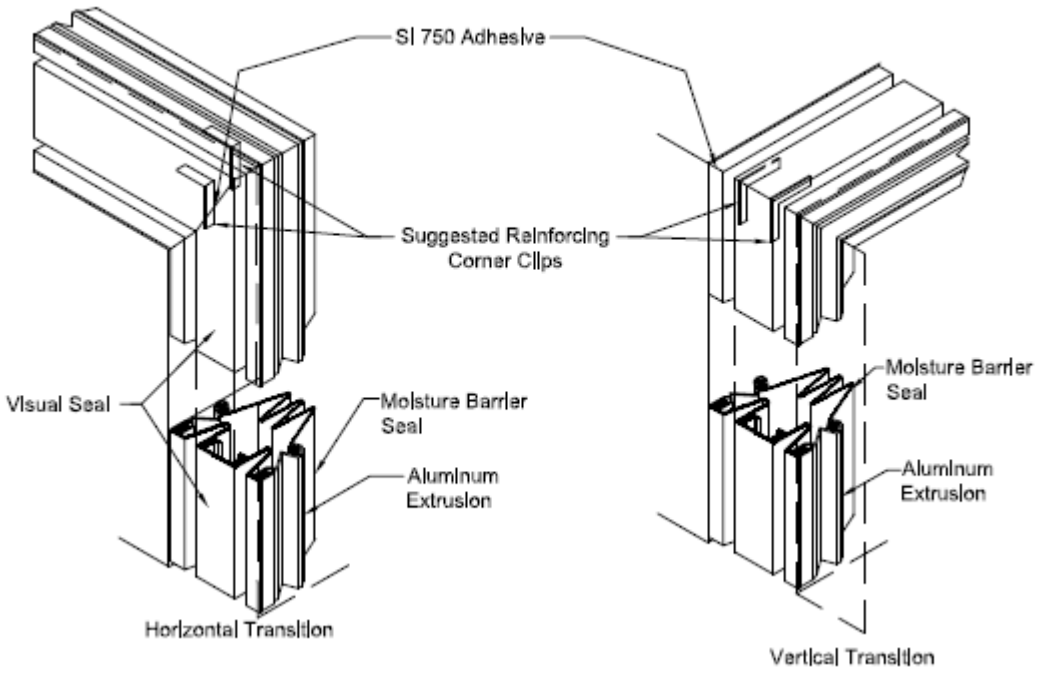
3. Reassemble mitered ends of adjacent seals utilizing the reinforcing corner clips (for 90 degree transitions only)

4. Apply adhesive as specified by the manufacturer to one of the two seal surfaces to be bonded.—**adhesive sold separately**

5. 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.

6. Re-check quality of all miters or splices and apply additional adhesive if required to ensure proper miter or splice.

7. 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 exercised as a result that it takes 24 hours for adhesive to fully cure.



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