

Elastomeric Exterior Wall System Expansion Joint

Model(s): EW/200MB/300MB/400MB/500MB/600MB

GENERAL DESCRIPTION



This Elastomeric Exterior Wall System is a weather tight system that accommodates thermal and seismic movement. The visual seal matches many exterior building colors and the rear moisture barrier prevents exterior moisture or condensation from entering the wall cavity.

Introduction + Safety

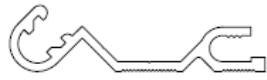
Please read the complete instructions carefully before beginning any work. To ensure proper installation and performance of the Roof Hatch, the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

Transportation + Storage

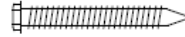
GENERAL SAFETY PRECAUTIONS Improper selection, installation, or use can cause personal injury or property damage. It is solely the responsibility of the user, through its own analysis to select products suitable for their specific application requirements, ensure they are properly maintained, and limit their use to its intended purpose. Follow proper local, state and federal regulations for proper installation and operation requirements.

- Inspect all shipments and materials for missing or damaged components and hardware.
- Material must be stored in a clean, dry location.

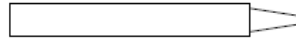
STANDARD COMPONENTS



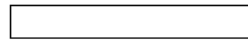
Wall Mount Extrusion
 Part Number-27463



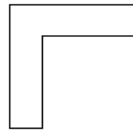
ø3/16" Tapcon screw
 Part Number-27529



*Sikaflex 1A
 (by others)



**Butt splice clip
 Part Number-27511



**Splice clip: same plane

* Additional components needed for adhesive installation. Place order for required quantities.

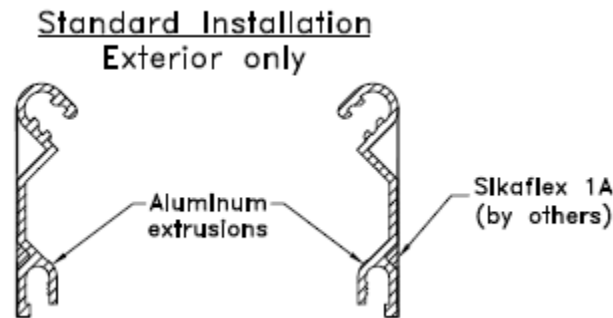
** Optional components for splice procedures. Place order for required quantities

Components

Model	Visual Seal Color Part Number				
		Black Seal	White Seal	Gray Seal	Beige Seal
EJ-EWN-200MB	-	B	W	G	E
EJ-EWN-300MB	-	B	W	G	E
EJ-EWN-300MB	-	B	W	G	E
EJ-EWN-400MB	-	B	W	G	E

EJ-EWN-500MB	-	B	W	G	E
EJ-EWN-600MB	-	B	W	G	E

INSTALLATION



1. Apply adhesive along back of the aluminum extrusions prior to installation. (following adhesive manufacturers guidelines).
 - a. Note: Adhesive manufacturer may require coating adjacent surfaces, verify with adhesive manufacturer prior to proceeding.
2. Field measure all lengths and directional changes for aluminum extrusions to ensure their proper layout where required.
3. Mount extrusions to wall surface and install temporary wood blocking (Fig. 1) to secure extrusions to wall while adhesive cures and for field drilling for standard installation.
 - o 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.
 - o Always review architectural plans for specific project requirements

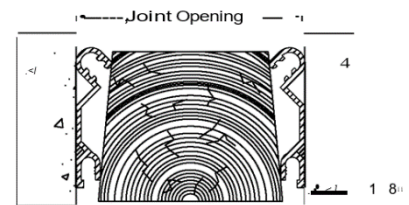


Fig. 1

Note

- o For Standard Installation, continue to step 4
- o For adhesive installation, continue to step 6

4. Position aluminum extrusions and mark hole locations. Drill holes through aluminum flange and into walls for 3/16" @ 18" on center (Fig. 2).
5. Secure aluminum extrusion to wall with 3/16" Tapcon screws at 18" on center
6. Before installing moisture barrier, apply Sikaflex 1A adhesive to rear locking cavities of the aluminum extrusions. Ensure full engagement of locking lug.
7. Before installing visual seal apply Sikaflex adhesive into the front locking cavities of the aluminum extrusions (1A Fig. 3). Ensure full engagement of locking lug.
8. Utilizing roller tool apply pressure directly over locking lug to ensure proper engagement of seal lug (Fig. 4).

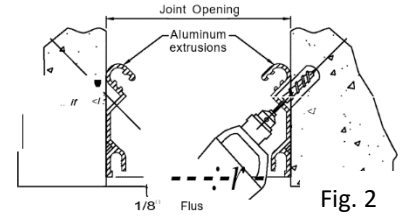


Fig. 2

Visual Seal Field Splice Procedures (Fig. 5)

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}. Ensure cuts are clean, straight and square.
2. Cleans ends of seal with a solvent to remove any foreign material.
3. Reassemble mitered ends of adjacent seals utilizing the reinforcing corner clips (for go transitions only).
4. Apply adhesive as specified by the manufacturer to one of the two seal surfaces to be bonded.
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. 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 exercised as a result that it takes 24 hours for adhesive to fully cure.

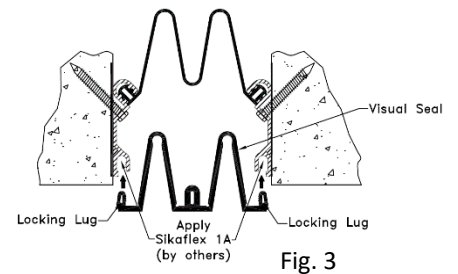


Fig. 3

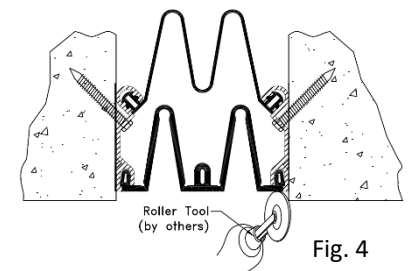


Fig. 4

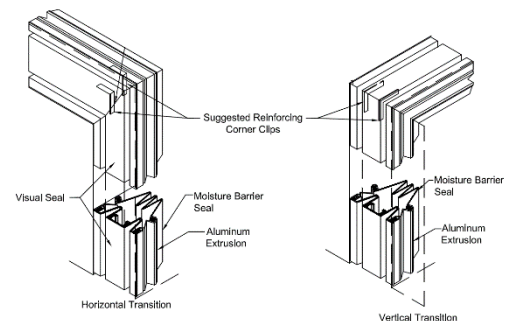


Fig. 5

OPERATION

Expansion Joints are designed and built for years of dependable service.

MAINTENANCE

- Annual inspections should be performed to make sure the system is still in position. Repair and/or replace as needed.

QUESTIONS?

For more information on installation, repair or replacement, please visit www.Nystrom.com