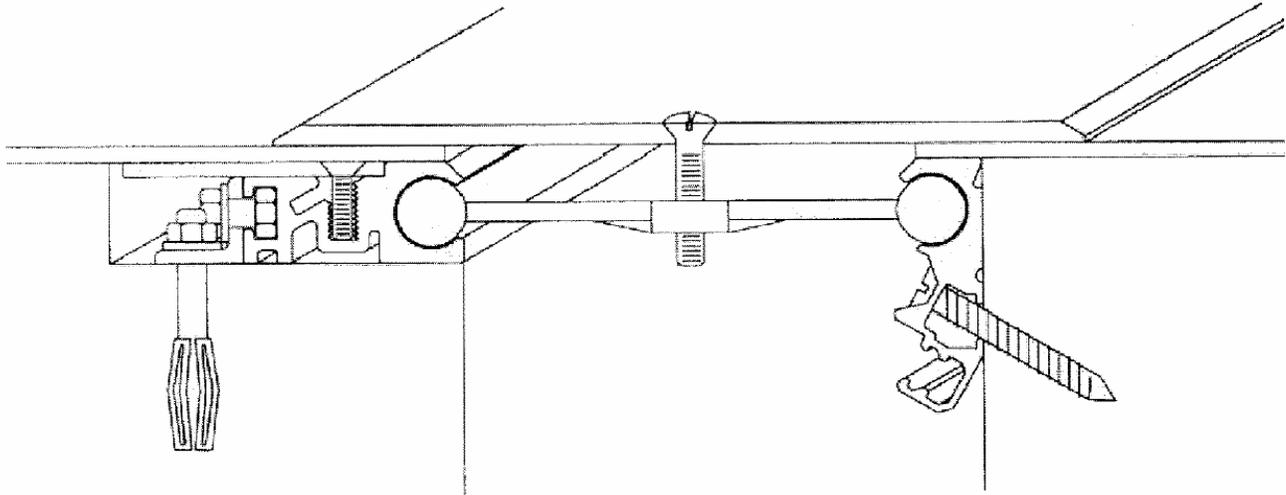


EJ-SFE/SFB Installation Instructions



Finish Seal – Seismic Series Model(s) “EJ-SFE”, “EJ-SFB” Horizontal 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 Technical Service 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.

9300 73rd Ave N.
Brooklyn Park, MN 55428

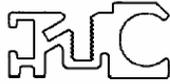
Free Phone: 800•547•2635
Free Fax: 800•317•8770



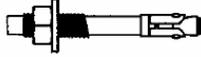
Right to site.

Direct Phone: 763•488•9200
Direct Fax: 763•488•9201

e-mail: info@nystrom.com
www.nystrom.com



ALUMINUM BASE ASSEMBLY



1/4" X 2-1/4" HILTI KWIK BOLT
WITH NUT AND WASHER



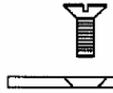
ALUMINUM EXTRUSION



3/4" X 3/4" X 1/8"
CLIP ANGLE



1/4" X 3/4" HEX BOLT,
NUT & WASHER

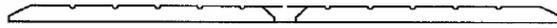


ALUMINUM EXTENSION WITH
1/4" X 5/8" CSK FLATHEAD
MACHINE SCREW

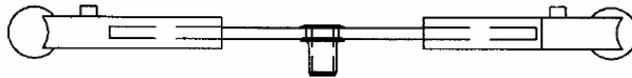


THD FLATHEAD
COUNTERSUNK ANCHOR

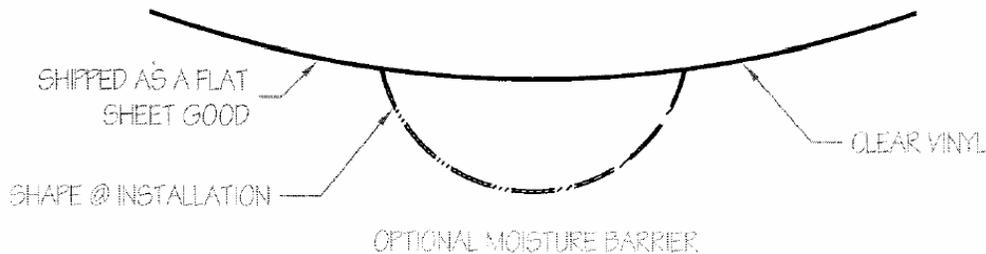
INSTALLERS NOTE: SHOWN BELOW ARE COMPONENTS THAT ARE SHIPPED IN VARYING SIZES
ACCORDING TO JOINT SYSTEM MODEL TO BE INSTALLED. CONSULT YOUR
SHIPPING DOCUMENTS FOR PROPER PART LISTINGS AND REQUIREMENTS.



3/16" THICK CENTER SLIDE PLATE WITH 1/4" X 1-1/4" CSK FLAT HEAD SCREW



SELF-CENTERING BAR

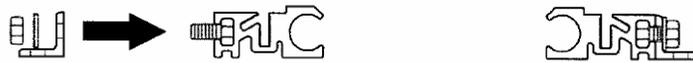


- Access Panels
- Floor Hatches
- Roof Hatches
- Smoke Vents
- Louvers
- Expansion Joint Covers



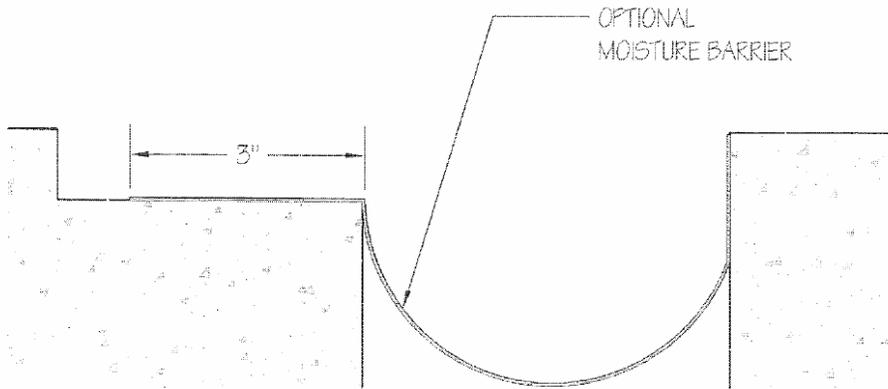
1

SLIDE 1/4" X 3/4" HEX BOLT INTO CHANNEL OF BASE MEMBER.



2

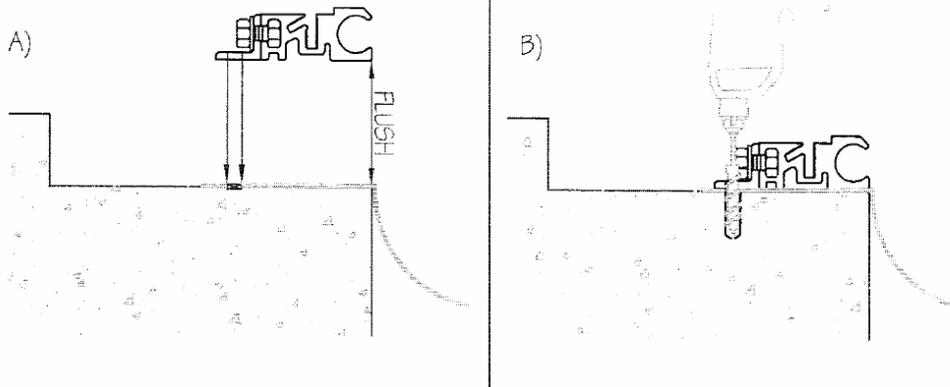
ATTACH CLIP ANGLE TO BASE MEMBER BY THREADING HEX NUT ONTO HEX BOLT. STARTING 12" FROM EITHER END, SPACE CLIP ANGLES 24" (MAX.) O.C. 5 CLIP ANGLES REQUIRED PER 10 FT LENGTH OF BASE MEMBER.



3

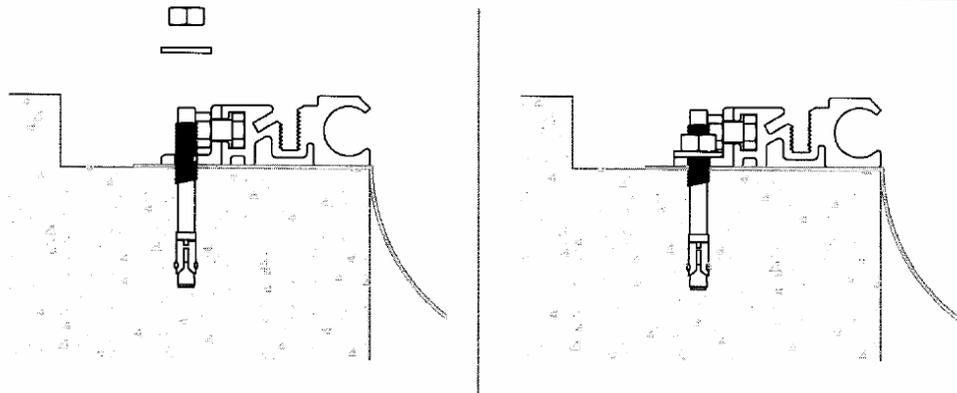
(OPTIONAL)
POSITION MOISTURE BARRIER IN TO BLOCKOUT. MAINTAIN PROPER OVERLAP AND TEMPORARILY AFFIX WITH DUCT TAPE (IF REQUIRED).

NOTE: STEPS 4 & 5 ARE FOR THE SIDE OF JOINT OPENING WITH A BLOCKOUT



4

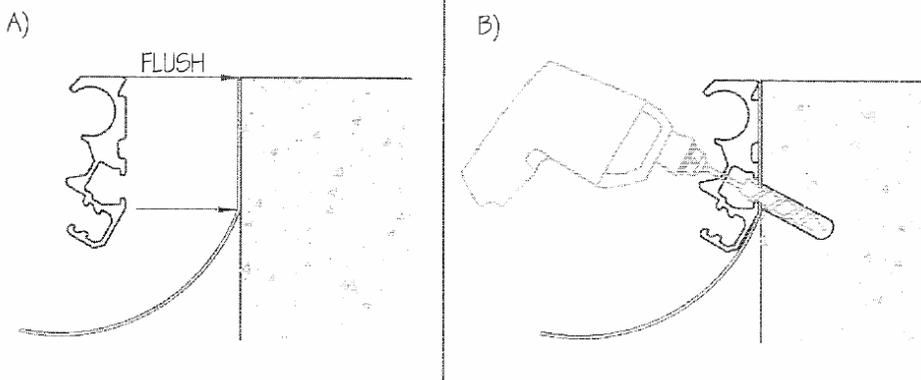
A) POSITION BASE MEMBER ON BLOCK OUT SO CAVITY OF BASE MEMBER IS FLUSH WITH EDGE OF OPENING. B) USING BASE MEMBER AS A TEMPLATE AND WITH ITS POSITION FIXED DRILL HOLE FOR 1/4" X 2-1/4" HILTI BOLT TO PROPER DEPTH. CLEAN OUT HOLES.



5

FOLLOW HILTI'S RECOMMENDATIONS FOR PROPER ANCHOR INSTALLATION. REMOVE ALL DEBRIS FROM MOISTURE BARRIER BY UTILIZING SHOP VAC. CAUTION: DO NOT INSTALL ALL BASE MEMBERS PRIOR TO REVIEWING STEP 8.

NOTE: STEPS 6 & 7 ARE FOR THE SIDE OF JOINT OPENING WITHOUT A BLOCKOUT

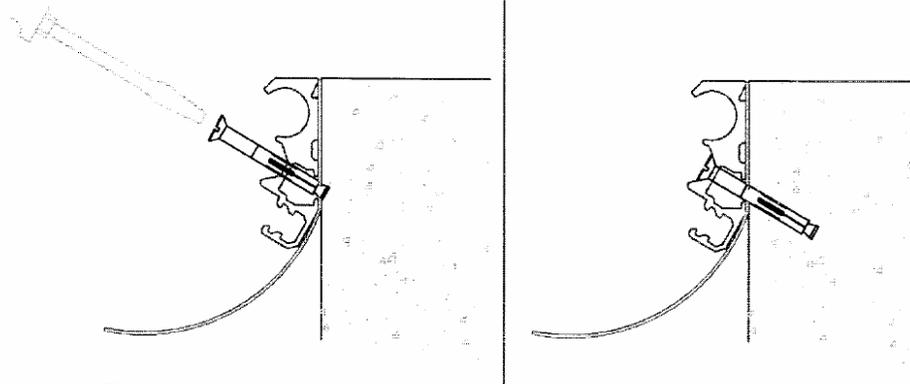


6

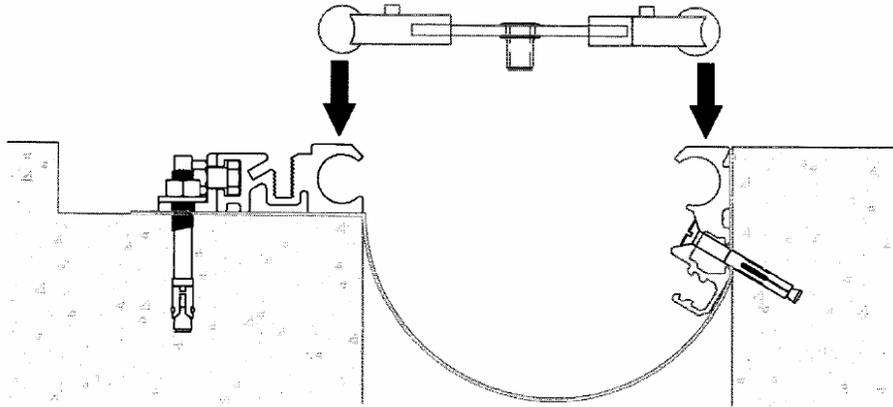
A) POSITION ALUMINUM EXTRUSION ON BLOCK OUT SO TOP OF ALUMINUM EXTRUSION IS FLUSH WITH TOP OF OPENING. B) USING ALUMINUM EXTRUSION AS A TEMPLATE AND WITH ITS POSITION FIXED DRILL HOLE FOR 1/4" DIA FLATHEAD CONCRETE SCREW TO PROPER DEPTH. CLEAN OUT HOLES.

- Access Panels
- Floor Hatches
- Roof Hatches
- Smoke Vents
- Louvers
- Expansion Joint Covers

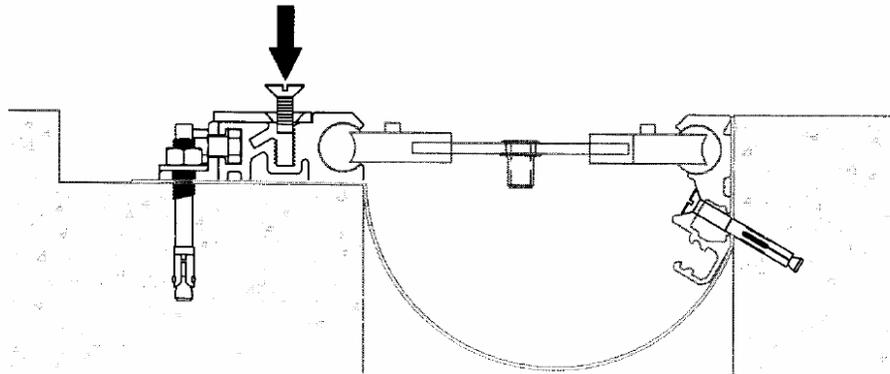
NOTE: STEPS 6 & 7 ARE FOR THE SIDE OF JOINT OPENING WITHOUT A BLOCKOUT



7 FASTEN ALUMINUM EXTRUSION TO WALL USING RECOMMENDED ANCHOR.

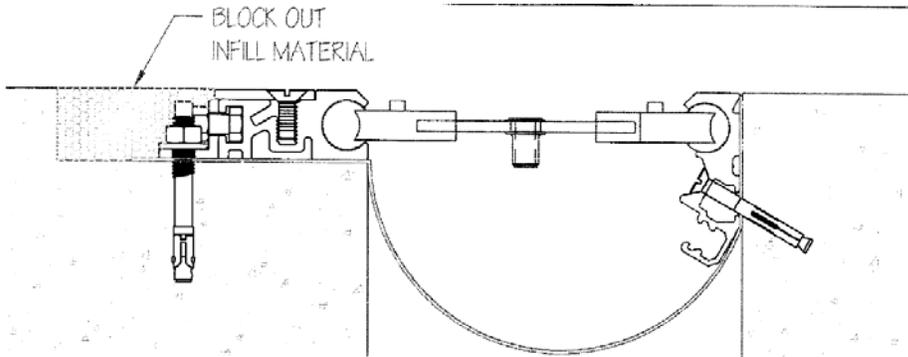


8 AS WORK PROGRESSES WITH PLACEMENT OF BASE MEMBERS AND ALUMINUM EXTRUSIONS, INSTALL SELF-CENTERING BARS BY SLIDING THE SPHERED ENDS OF THE BARS INTO AND THROUGH THE CIRCULAR CAVITIES OF THE BASE MEMBERS AND EXTRUSIONS. SET AT AN APPROXIMATE SPACING OF 18" O.C. ENSURE THAT THE "TOP" INDICATOR IS FACING UP AND THAT ALL BARS ARE IN SAME ORIENTATION.



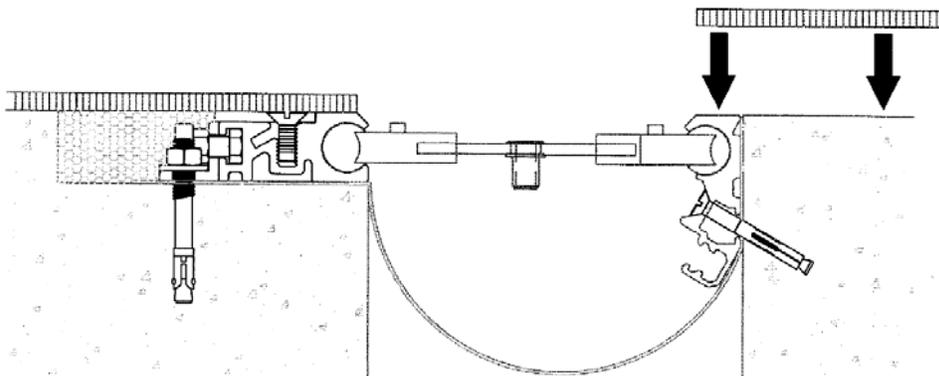
9 ATTACH ALUMINUM EXTENSION TO BASE MEMBER WITH 1/4" X 5/8" CSK FLATHEAD MACHINE SCREW.

- Access Panels
- Floor Hatches
- Roof Hatches
- Smoke Vents
- Louvers
- Expansion Joint Covers



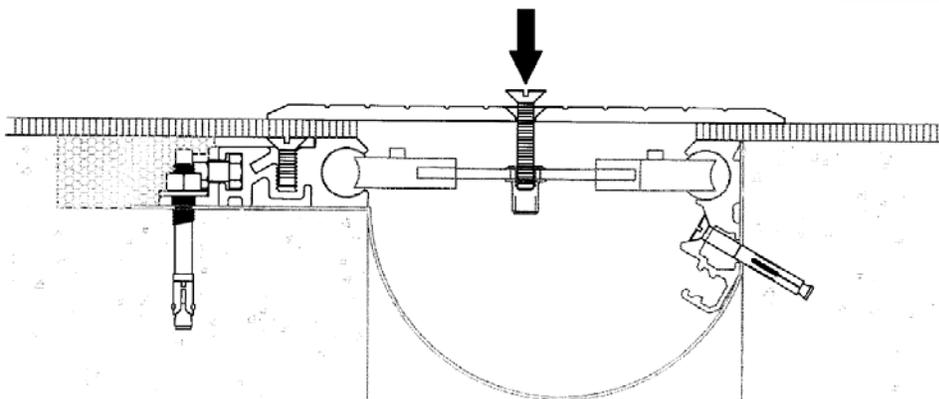
10

FILL BLOCK OUT WITH HIGH QUALITY NON-SHRINK CEMENTITIOUS FILLER MATERIAL. CONTACT CHEMREX AT 1-800-243-6739 FOR INFILL MATERIAL PRODUCT RECOMMENDATION AND PROCEDURE FOR PROPER INSTALLATION. PROTECT SURFACES DURING PLACEMENT OF FILLER MATERIAL.



11

INSTALL FLOORING MATERIAL. CAUTION - CONTACT FLOORING MANUFACTURER TO DISCUSS PRODUCT APPLICATION AND PROCEDURE FOR PROPER INSTALLATION. CHECK CONTRACT DOCUMENTS TO DETERMINE IF FINISH FLOOR MATERIAL IS SET FLUSH WITH OR OVERLAPS TOP OF BASE MEMBER.



12

POSITION THE CENTER SLIDE PLATE OVER EXPANSION OPENING, ALIGN PRE-DRILLED HOLES IN SLIDE PLATE WITH THREADED INSERT IN SELF-CENTERING BARS. FASTEN WITH 1/4" X 1-1/4" CSK FLAT SCREW. TIGHTEN TO CREATE MEASURABLE TENSION IN THE BAR. NOTE: DO NOT OVER TIGHTEN.