



SUBSTITUTION REQUEST

(After the Bidding/Negotiating Phase)

Project: _____ Substitution Request Number: _____

 From: _____
 To: _____ Date: _____

 A/E Project Number: _____
 Re: _____ Contract For: _____

Specification Title: _____ Description: _____
 Section: _____ Page: _____ Article/Paragraph: _____

Proposed Substitution: _____
 Manufacturer: _____ Phone: _____
 Address: _____
 Trade Name: _____ Model No.: _____
 Installer: _____ Phone: _____
 Address: _____

History: New product 1-4 years old 5-10 years old More than 10 years old

Differences between proposed substitution and specified product: _____

Point-by-point comparative data attached — REQUIRED BY A/E

Reason for not providing specified item: _____

Similar Installation:

Project: _____ Architect: _____
 Address: _____ Owner: _____
 _____ Date Installed: _____

Proposed substitution affects other parts of Work: No Yes; explain _____

Savings to Owner for accepting substitution: _____ (\$ _____).

Proposed substitution changes Contract Time: No Yes [Add] [Deduct] _____ days.

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

SUBSTITUTION REQUEST

(After the Bidding/Negotiating Phase — Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
 - Same warranty will be furnished for proposed substitution as for specified product.
 - Same maintenance service and source of replacement parts, as applicable, is available.
 - Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
 - Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
 - Proposed substitution does not affect dimensions and functional clearances.
 - Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
 - Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.
-

Submitted by: _____

Signed by: _____

Firm: _____

Address: _____

Telephone: _____

Attachments:

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: _____ Date: _____

Additional Comments: Contractor Subcontractor Supplier Manufacturer A/E
 Other:

ELCF Series - Blockout Application

FEATURES

COMPLEMENTARY SEAL COLORS Available in four elastomeric colors: beige, white, gray or black.

COORDINATING CORNERS Available with corner option for a complete floor solution.

DETAILS

MATERIAL

6063-T5 Aluminum, Meets ASTM B221 and Santoprene

FINISH Mill

MOVEMENT

- Thermal: Horizontal

MOUNTING Blockout

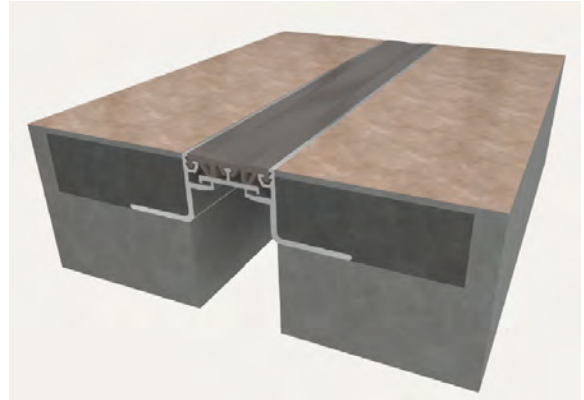
JOINT SIZE 1 inch to 3 inches

LENGTH 10 Linear Feet

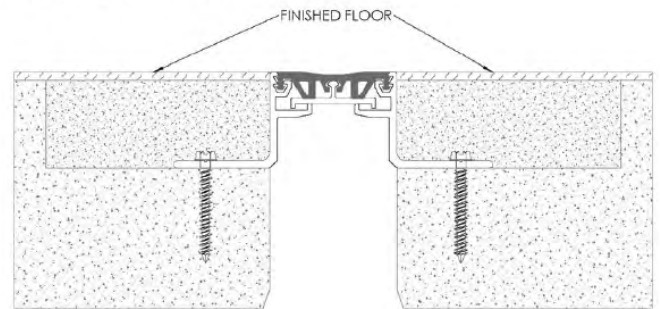
LOAD Pedestrian and Light Cart

INSTALLATION Floor

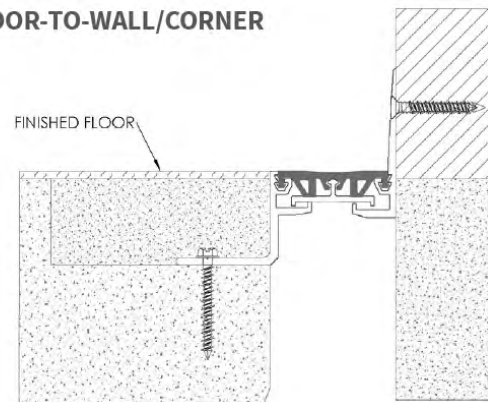
OPTIONS Moisture barrier, fire barrier and additional materials, sizes and finishes upon request



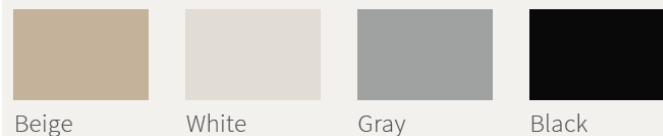
FLOOR-TO-FLOOR



FLOOR-TO-WALL/CORNER



SEAL COLORS



Beige

White

Gray

Black

MODELS

MODEL	APPLICATION	JOINT SIZE AT MEAN T°F	EXPOSED SIGHT LINE	TOTAL MOVEMENT
ELCF-100	Floor to Floor	1" (25mm)	1" (25mm)	.5" (13mm)
ELCF-200	Floor to Floor	2" (51mm)	2" (51mm)	1" (25mm)
ELCF-300	Floor to Floor	3" (76mm)	3" (76mm)	1.02" (26mm)
ELCF-100W	Floor to Wall	1" (25mm)	1" (25mm)	.5" (13mm)
ELCF-200W	Floor to Wall	2" (51mm)	2" (51mm)	1" (25mm)
ELCF-300W	Floor to Wall	3" (76mm)	3" (76mm)	1.02" (26mm)



Erie Metal Specialties, Inc.
13311 Main Road
Akron, NY 14001

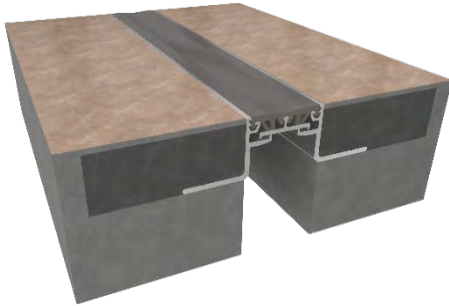
Phone: 716-542-3991
Website: www.eriemetal.com
E-Mail: sales@eriemetal.com

ELCF-Series Installation Instructions

ELASTOMERIC CORRIDOR FLOORING SYSTEM – BLOCKOUT APPLICATION

MODEL(S): ELCF/ELCFw

ELCF Floor to Floor Cover System



GENERAL DESCRIPTION

This Elastomeric System is built to last. The system's extruded aluminum base is installed in a concrete blockout channel and back-filled in. Integrated into the system is a colored seal that expands and compresses with horizontal movement.

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

Introduction + Safety

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

Transportation + Storage

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

Preparation

- Locate the packing slip(s) and/or shop drawings.
- Verify that all products listed on the packing slip are included in the package.
- Check the products for damage. If products are damaged, report a freight claim immediately and leave the products in their packaging. If you sign for products without reporting damage, you waive your right to a freight claim and will be responsible for their replacement cost.
- Read the instructions thoroughly before beginning installation.



Tool List

- Tape measure
- Phillips
- Hex screwdriver
- Slotted Drivers for Anchors
- Levels
- Awls
- Masking tape
- Rubber mallet
- Wooden block
- Trowel
- Chop saw to cut product to length
- Electric drill with 5/32” masonry bit
- Broom & dustpan or vacuum
- Adhesive glue

Included with the expansion joint system:

- 3/16” x 1-3/4” Tapcon fastener

Preinstallation

1. Pour floors with blockouts as shown on shop drawings. Make sure the depth of the blockout takes the thickness of the finished floor into account.
2. Ensure that the blockout is smooth. High spots should be ground down and low spots filled in. Make sure the blockout is clean by sweeping and/or vacuuming.

INSTALLATION

1. Drill 3/16” holes into base frames along a line 1/2” from the leg edge. Holes should start 2” from each end and be spaced 18” o.c. **See Figure 1**

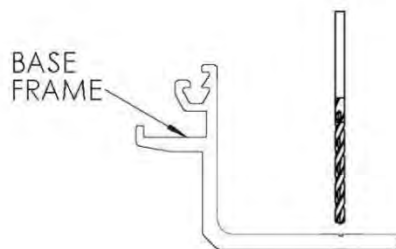


FIGURE 1



- 2. Position base member frames in blockout per shop drawings. Using the frames as a template, mark and drill 5/32” holes in the concrete. Install base member frames in the blockout opening with supplied Tapcon fasteners, making sure not to over tighten. **See Figure 2**

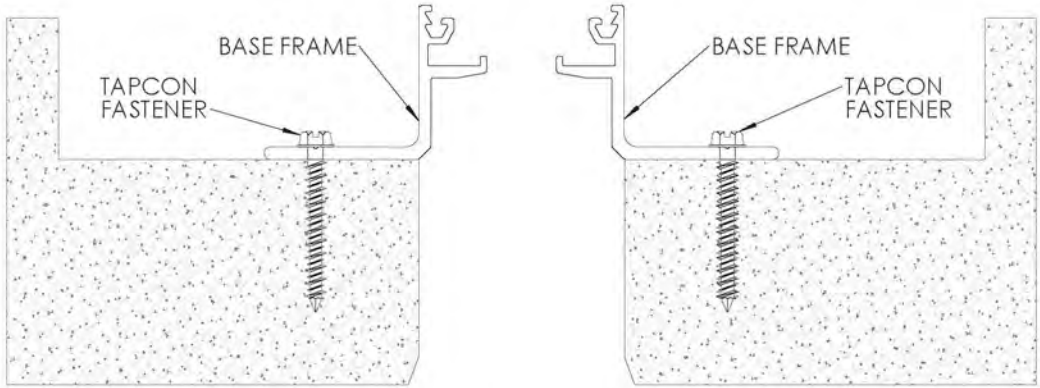


FIGURE 2

- 3. Place slide plate (not required on 1” joint sizes) in the lower channels of the base frames with the bent ends of the plate pointing downwards. **See Figure 3**

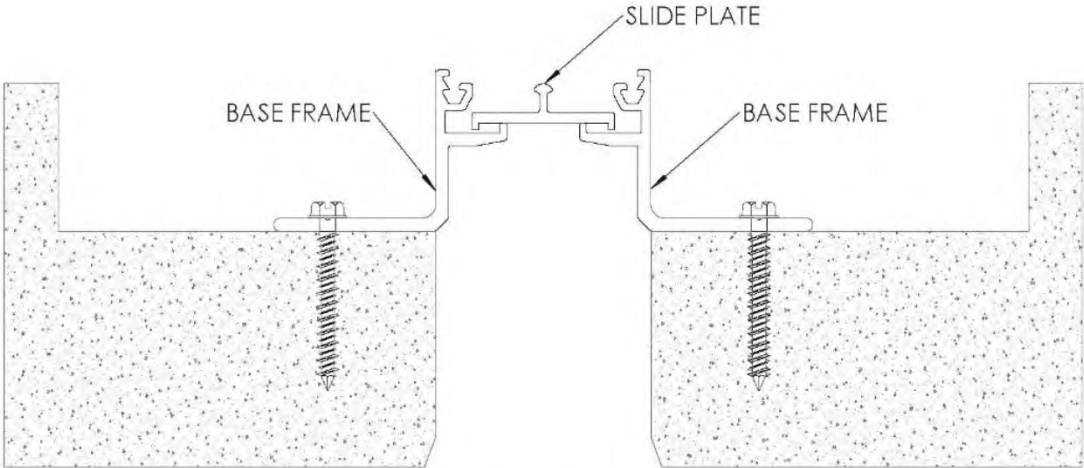


FIGURE 3

- 4. Position the elastomeric seal into position and push the seal bulbs into the base frame top channels as shown. Make sure the bulbs are seated all the way into the channel. Also, make sure the bottom center channel in the seal is pushed over the protrusion on the slide plate (not required on 1” joint sizes). **See Figure 4**

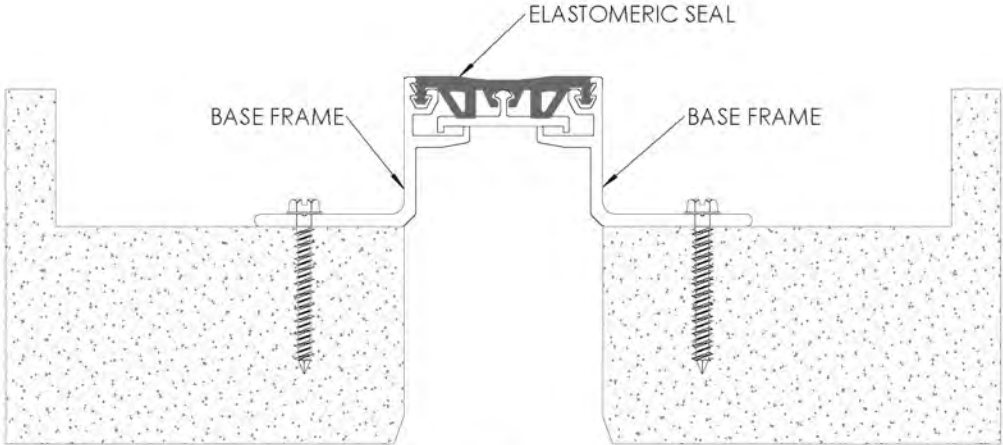


FIGURE 4

- 5. Protect the exposed surface of the expansion joint, then using an appropriate infill material (by others), fill in the blockout level with the surrounding floor. **See Figure 5**

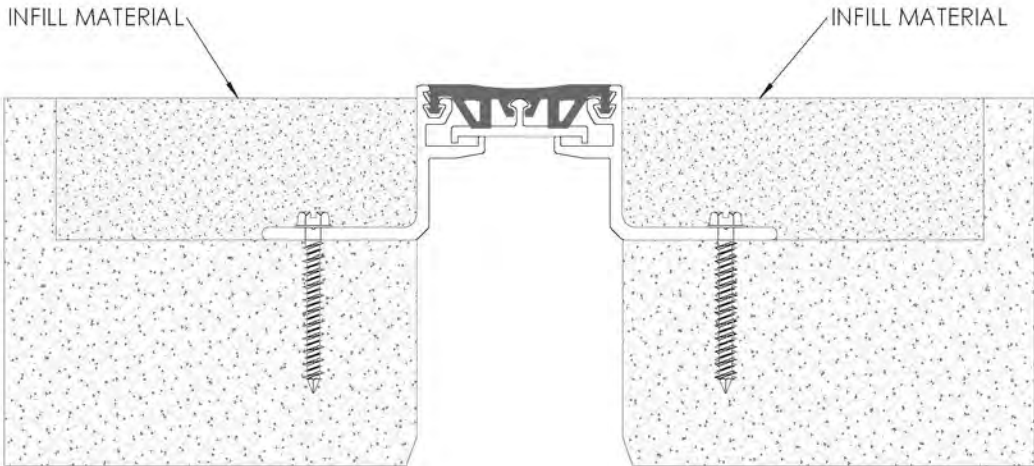


FIGURE 5



6. After infill material has cured, finished floor (by others) may now be installed.

See Figure 6

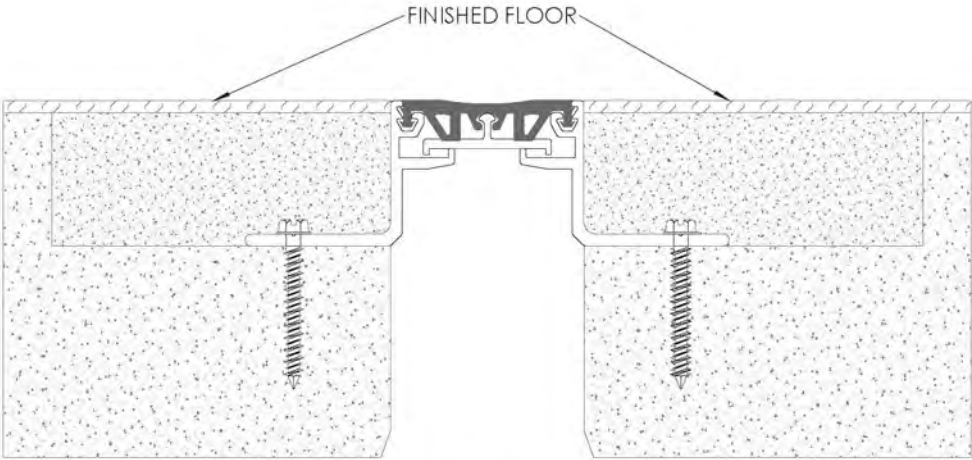
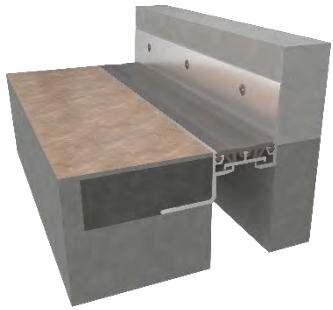


FIGURE 6

ELCFw Floor to Wall Cover System



GENERAL DESCRIPTION

The ELCFw Interior Cover System is designed to match the ELCF cover plate in floor to wall applications.

Included with the expansion joint system:

- 3/16" x 1-3/4" Tapcon fastener

Preinstallation

1. Pour floors with blockouts as shown on shop drawings. Make sure the depth of the blockout takes the thickness of the finished floor into account.
2. Ensure that the blockout is smooth. High spots should be ground down and low spots filled in. Make sure the blockout is clean by sweeping and/or vacuuming.

INSTALLATION

1. Drill 3/16" holes into base frame along a line 1/2" from the leg edge. Holes should start 2" from each end and be spaced 18" o.c. **See Figure 1**

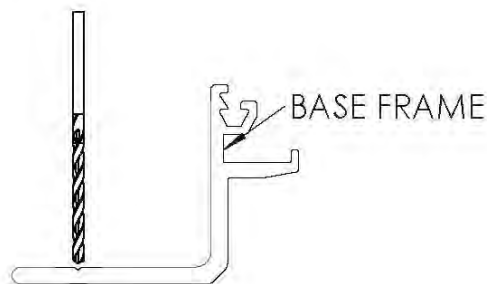


FIGURE 1

- 2. Position base member frame in blockout per shop drawings. Using the frame as a template, mark and drill 5/32” holes in the concrete. Install base member frame in the blockout opening with supplied Tapcon fasteners, making sure not to over tighten.

See Figure 2

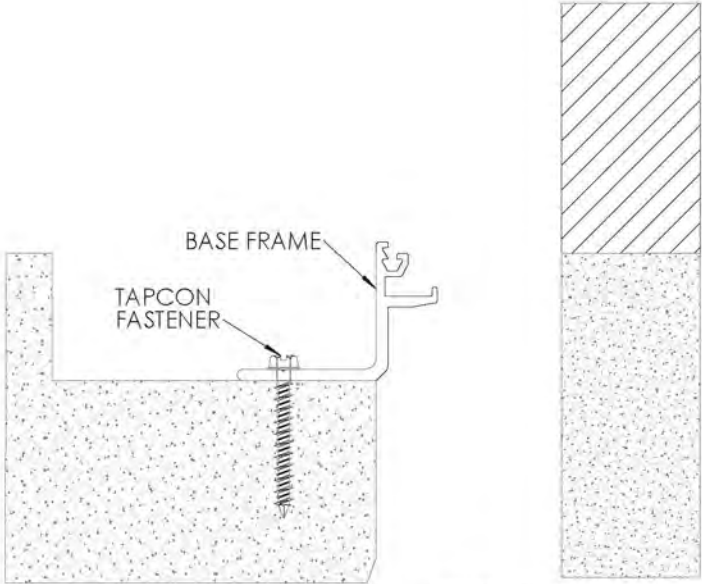


FIGURE 2

- 3. Position the wall frame into position, making sure the top channel is level with the top channel of the base frame. Attach the wall frame to the wall with appropriate fasteners (by others) for the wall type 18” o.c. See Figure 3

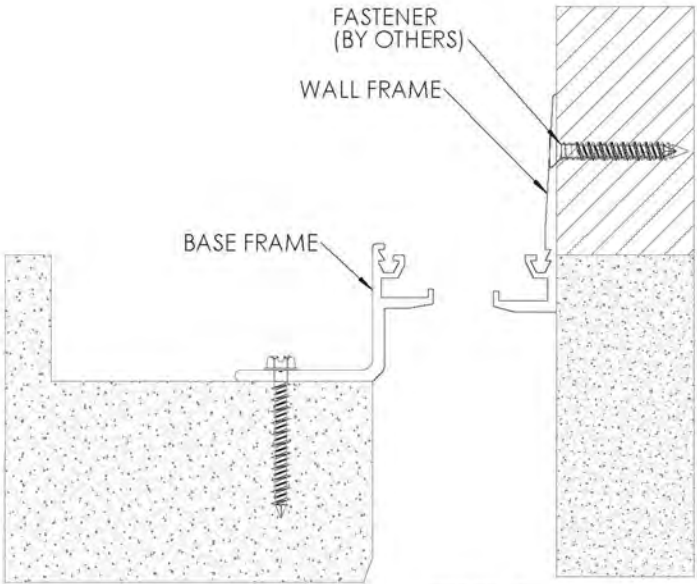


FIGURE 3

4. Place slide plate (not required on 1” joint sizes) in the lower channel of the base frame and wall frame with the bent ends of the plate pointing downwards. **See Figure 4**
5. Position the elastomeric seal into position and push the seal bulbs into the base frame and wall frame top channels as shown. Make sure the bulbs are seated all the way into the channel. Also, make sure the bottom center channel in the seal is pushed over the protrusion on the slide plate (not required on 1” joint sizes). **See Figure 5**

Interior Joints (Floor)

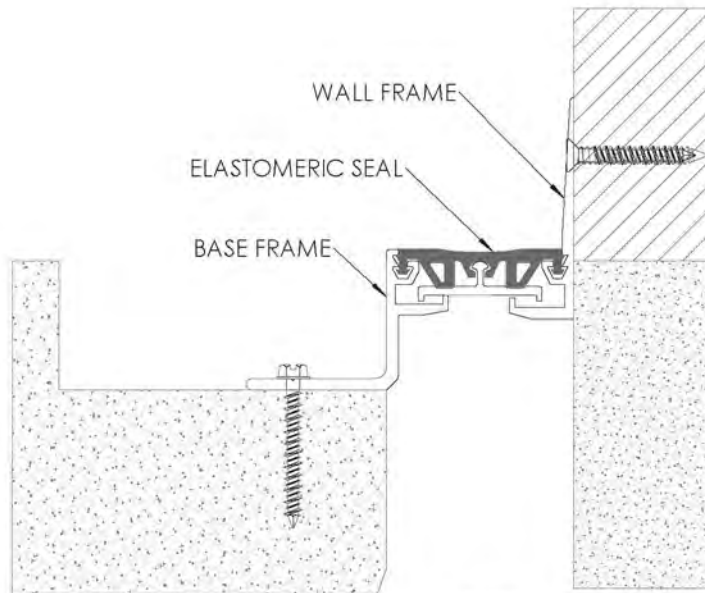


FIGURE 5

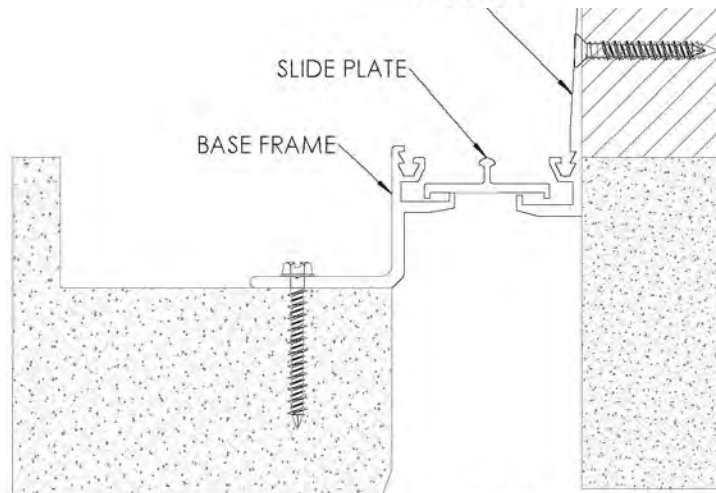


FIGURE 4



- 6. Protect the exposed surface of the expansion joint, then using an appropriate infill material (by others), fill in the blockout level with the surrounding floor. **See Figure 6**

Interior Joints (Floor)

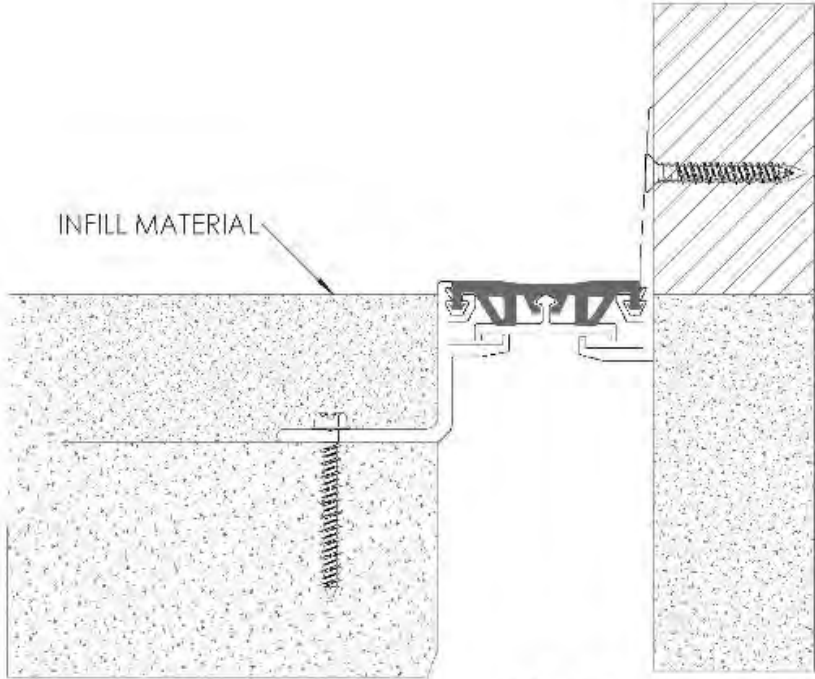


FIGURE 6

- 7. After infill material has cured, finished floor (by others) may now be installed. **See Figure 7**

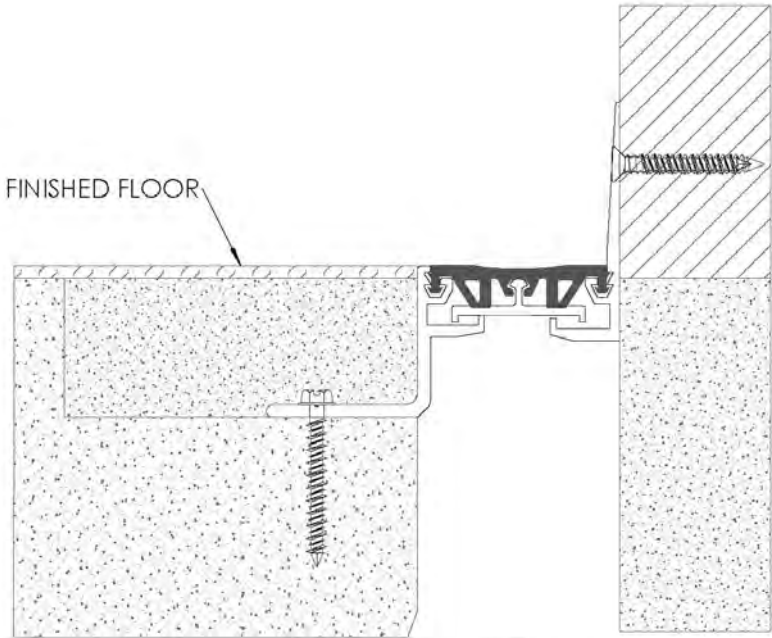


FIGURE 7



FIELD SPLICE FOR FLAT ELASTOMERIC SEAL

1. Determine the angle needed and cut ends of seal in a miter box with a sharp, non-serrated knife. **See Figure 1**

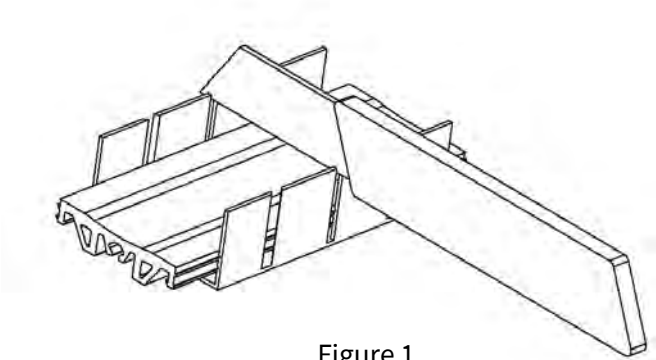


Figure 1

2. Using a solvent (by others) that is safe for elastomeric materials clean the ends of the seals. **See Figure 2**

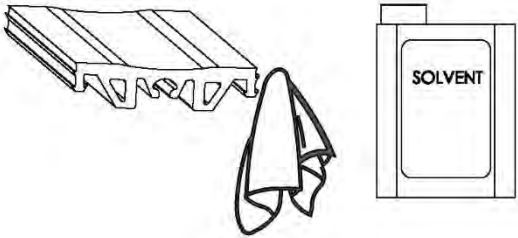


Figure 2

3. Apply super glue, cyanoacrylate type (non-gel) or similar adhesive (by others) and follow instructions by the adhesive manufacturer. **See Figure 3**

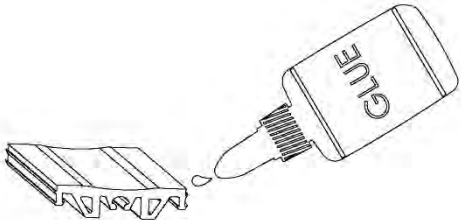


Figure 3



4. Check the splices after the adhesive has cured and reapply adhesive as necessary. Allow 15 minutes prior to installing seal. It typically takes 24 hours for adhesive to fully cure and achieve proper working strength. Ensure that the splice of the seal is not within 2” of a joint in the aluminum extrusion. **See Figure 4**

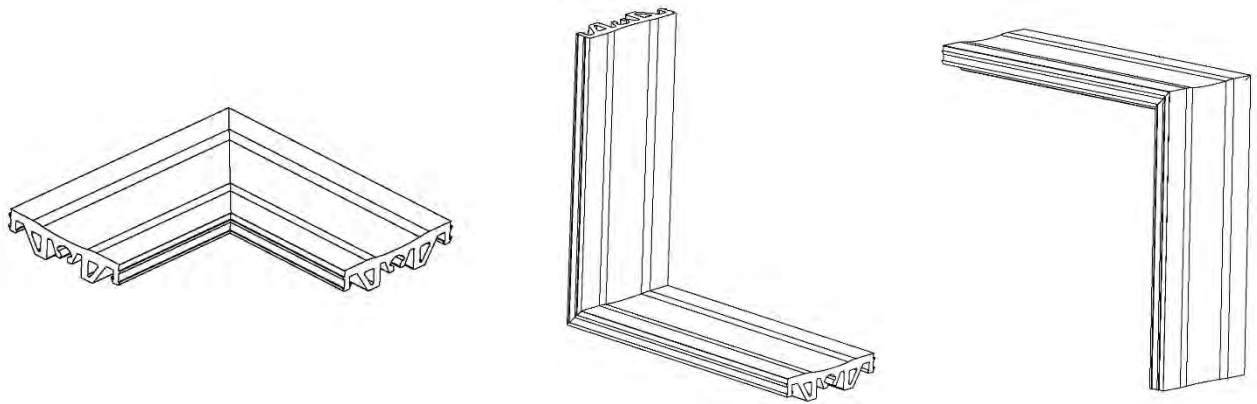


Figure 4

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.



3-PART CSI MASTERFORMAT SPECIFICATION
SECTION **079513.13**
INTERIOR EXPANSION JOINT COVER ASSEMBLIES

REV 06/23

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Interior expansion joint cover assemblies.

Edit note: [modify this list per project requirements](#)

1.2 RELATED REQUIREMENTS:

- A. Section 07 91 00 "Preformed Joint Seals" for preformed foam and extruded-silicone joint seals.
- B. Section 07 95 13.16 Exterior Expansion Joint cover assemblies
- C. Section 07 95 13.19 Parking Deck expansion Joint cover assemblies
- D. Floor and wall finishes: Refer to Division 09.
- E. Field painting: Refer to Section 09 91 00.

1.3 COORDINATION

- A. Coordinate sizes and locations of expansion joint cover assemblies with joint widths and assumed movement.

1.4 ACTION SUBMITTALS

- A. Comply with Division 01 requirements.
- B. Product Data: Manufacturer's specifications and technical data edited specifically for proposed system, including specific requirements indicated.
 - 1. Detailed specification of construction and fabrication.
- C. Shop Drawings: Indicate joint device profile, dimensions, location in the work, affected adjacent construction, anchorage devices, and location of splices.
- D. Samples: Submit two **6-inch** samples, illustrating operational properties of assemblies.

1.5 INFORMATIONAL SUBMITTALS

- A. Sustainable Design Submittals:



1. Building Product Disclosure Requirements: To encourage the use of building products that are working to minimize their environmental and health impacts, provide the following information when available:
 - a) Material Ingredients Documentation demonstrating the chemical inventory of the product.

1.6 PERFORMANCE REQUIREMENTS

- A. Seismic Performance: Expansion joint cover assemblies shall withstand the effects of earthquake motions determined according to [ASCE/SEI 7] <Insert requirement>.
- B. Fire-Resistance Ratings: Provide expansion joint cover assemblies with fire barriers identical to those of systems tested for fire resistance according to [UL 2079] [ASTM E 1966] by a qualified testing agency.
 1. Hose Stream Test: Wall-to-wall and wall-to-soffit assemblies shall be subjected to hose stream testing.

1.7 CLOSEOUT SUBMITTALS

- A. Manufacturer's Installation Instructions and Operation & Maintenance: Indicate installation, operation and maintenance requirements and rough-in dimensions
- B. Provide manufacturer's written warranty.

1.8 DELIVERY, STORAGE AND HANDLING

- A. Comply with Division 01 requirements.
- B. Packing and Shipping: Deliver products in original unopened packaging with legible manufacturer's identification.
- C. Store per manufacturer's instructions.
 1. Store in dry area out of direct sunlight.

PART 2 - PRODUCTS

2.1 MATERIAL

- A. Aluminum: ASTM B209, ASTM B221
- B. Apply manufacturer's standard protective coating on aluminum surfaces to be placed in contact with cementitious materials
- C. Stainless Steel: ASTM A 240/A 240M or ASTM A 666, Type 304 for plates, sheet, and strips.
- D. Brass: ASTM B 36/B 36M, UNS Alloy C26000 for half hard sheet and coil.
- E. Bronze: ASTM B 455, Alloy C38500 for extrusions; Alloy C23000 red brass for plates.

2.2 MANUFACTURERS

- A. Erie Metal Specialties, Inc.
13311 Main Rd.



Akron, NY 14001
PH: (716) 542-3991
www.eriemetal.com

2.3 INTERIOR FLOOR-TO-FLOOR EXPANSION CONTROL SYSTEMS

A. Elastomeric Corridor Flooring System Blockout Application

1. Basis-of-Design Product: Erie Metal Specialties, Inc. Model ELCF
2. Design Criteria:
 - a. Exposed Sight-Line: [As indicated on Drawings] <Insert width>.
 - b. Nominal Joint Width: [As indicated on Drawings] <Insert width>.
 - c. Minimum Joint Width: [As indicated on Drawings] <Insert width>.
 - d. Maximum Joint Width: [As indicated on Drawings] <Insert width>.
 - e. Material:
 - 1) Aluminum
 - a) Finish: Mill.
 - 2) Seal: Santoprene or equivalent.
 - a) Color: **[Beige]** **[White]** **[Gray]** **[Black]**.
 - f. Attachment Method: Block out, concrete anchor, and backfill.
 - g. Load Capacity: Standard duty.

Retain "Fire-Resistance Rating" and "Moisture Barrier" subparagraphs below if required.

- h. Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than **[that of adjacent construction]** <Insert rating>.
- i. Moisture Barrier: Manufacturer's standard.

B. Elastomeric Corridor Flooring System Infill Application.

1. Basis-of-Design Product: Erie Metal Specialties, Inc. Model ELCFC
2. Design Criteria:
 - a. Exposed Sight-Line: [As indicated on Drawings] <Insert width>.
 - b. Nominal Joint Width: [As indicated on Drawings] <Insert width>.
 - c. Minimum Joint Width: [As indicated on Drawings] <Insert width>.
 - d. Maximum Joint Width: [As indicated on Drawings] <Insert width>.
 - e. Material:
 - 1) Aluminum
 - a) Finish: Mill.
 - 2) Seal: Santoprene or equivalent.
 - a) Color: **[Beige]** **[White]** **[Gray]** **[Black]**.
 - f. Attachment Method: Mechanical anchor.
 - g. Load Capacity: Standard duty.

Retain "Fire-Resistance Rating" and "Moisture Barrier" subparagraphs below if required.

- h. Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than **[that of adjacent construction]** <Insert rating>.
- i. Moisture Barrier: Manufacturer's standard.

C. Elastomeric Corridor Flooring System Surface Application.

1. Basis-of-Design Product: Erie Metal Specialties, Inc. Model ELCFS
2. Design Criteria:
 - a. Exposed Sight-Line: [As indicated on Drawings] <Insert width>.
 - b. Nominal Joint Width: [As indicated on Drawings] <Insert width>.
 - c. Minimum Joint Width: [As indicated on Drawings] <Insert width>.
 - d. Maximum Joint Width: [As indicated on Drawings] <Insert width>.



- e. Material:
 - 1) Aluminum
 - a) Finish: Mill.
 - 2) Seal Santoprene or equivalent:
 - a) Color: **[Beige] [White] [Gray] [Black]**.
- f. Attachment Method: Mechanical anchor.
- g. Load Capacity: Standard duty.

Retain "Fire-Resistance Rating" and "Moisture Barrier" subparagraphs below if required.

- h. Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than **[that of adjacent construction] <Insert rating>**.
- i. Moisture Barrier: Manufacturer's standard.

D. Elastomeric Corridor Flooring System Tile Application

- 1. Basis-of-Design Product: Erie Metal Specialties, Inc. Model ELCFT
- 2. Design Criteria:
 - a. Exposed Sight Line: [As indicated on Drawings] <Insert width>.
 - b. Nominal Joint Width: [As indicated on Drawings] <Insert width>.
 - c. Minimum Joint Width: [As indicated on Drawings] <Insert width>.
 - d. Maximum Joint Width: [As indicated on Drawings] <Insert width>.
 - e. Material:
 - 1) Aluminum
 - a) Finish: Mill.
 - 2) Seal: Santoprene or equivalent.
 - a) Color: **[Beige] [White] [Gray] [Black]**.
 - f. Attachment Method: Mechanical anchor.
 - g. Load Capacity: Standard duty.

Retain "Fire-Resistance Rating" and "Moisture Barrier" subparagraphs below if required.

- h. Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than **[that of adjacent construction] <Insert rating>**.
- i. Moisture Barrier: Manufacturer's standard.

2.4 INTERIOR FLOOR-TO-WALL EXPANSION CONTROL SYSTEMS

A. Elastomeric Corridor Flooring System Blockout Application.

- 1. Basis-of-Design Product: Erie Metal Specialties, Inc. Model ELCFw,
- 2. Design Criteria:
 - a. Exposed Sight-Line: **[As indicated on Drawings] <Insert width>**.
 - b. Nominal Joint Width: **[As indicated on Drawings] <Insert width>**.
 - c. Minimum Joint Width: **[As indicated on Drawings] <Insert width>**.
 - d. Maximum Joint Width: **[As indicated on Drawings] <Insert width>**.
 - e. Material:
 - 1) Aluminum.
 - a) Finish: Mill.
 - 2) Seal: Santoprene or equivalent.
 - a) Color: **[Beige] [White] [Gray] [Black]**.
 - f. Attachment Method: Block out, concrete anchor, and backfill.
 - g. Load Capacity: Standard duty.

Retain "Fire-Resistance Rating" and "Moisture Barrier" subparagraphs below if required.



- h. Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than **[that of adjacent construction]** <Insert rating>.
- i. Moisture Barrier: Manufacturer's standard.

B. Elastomeric Corridor Flooring System Infill Application.

- 1. Basis-of-Design Product: Erie Metal Specialties, Inc. Model ELCFCw
- 2. Design Criteria:
 - a. Exposed Sight-Line: [As indicated on Drawings] <Insert width>.
 - b. Nominal Joint System Width: [As indicated on Drawings] <Insert width>.
 - c. Seal Width: [As indicated on Drawings] <Insert width>.
 - d. Minimum Joint Width: [As indicated on Drawings] <Insert width>.
 - e. Maximum Joint Width: [As indicated on Drawings] <Insert width>.
 - f. Material:
 - 1) aluminum.
 - a) Finish: Mill.
 - 2) Seal: Santoprene or equivalent.
 - a) Color: **[Beige]** **[White]** **[Gray]** **[Black]**.
 - g. Attachment Method: Mechanical anchor.
 - h. Load Capacity: Standard duty.

Retain "Fire-Resistance Rating" and "Moisture Barrier" subparagraphs below if required.

- i. Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than **[that of adjacent construction]** <Insert rating>.
- j. Moisture Barrier: Manufacturer's standard.

C. Elastomeric Corridor Flooring System Surface Application.

- 1. Basis-of-Design Product: Erie Metal Specialties, Inc. Model ELCFSw
- 2. Design Criteria:
 - a. Exposed Sight-Line: [As indicated on Drawings] <Insert width>.
 - b. Nominal Joint Width: [As indicated on Drawings] <Insert width>.
 - c. Minimum Joint Width: [As indicated on Drawings] <Insert width>.
 - d. Maximum Joint Width: [As indicated on Drawings] <Insert width>.
 - e. Material:
 - 1) aluminum.
 - a) Finish: Mill.
 - 2) Seal: Santoprene or equivalent.
 - a) Color: **[Beige]** **[White]** **[Gray]** **[Black]**.
 - f. Attachment Method: Mechanical anchor.
 - g. Load Capacity: Standard duty.

Retain "Fire-Resistance Rating" and "Moisture Barrier" subparagraphs below if required.

- h. Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than **[that of adjacent construction]** <Insert rating>.
- i. Moisture Barrier: Manufacturer's standard.

D. Elastomeric Corridor Flooring System Tile Application.

- 1. Basis-of-Design Product: Erie Metal Specialties, Inc. Model ELCFTw,
- 2. Design Criteria:
 - a. Exposed Sight Line: [As indicated on Drawings] <Insert width>.
 - b. Nominal Joint Width: [As indicated on Drawings] <Insert width>.
 - c. Minimum Joint Width: [As indicated on Drawings] <Insert width>.
 - d. Maximum Joint Width: [As indicated on Drawings] <Insert width>.
 - e. Material:



- 1) aluminum.
 - a) Finish: Mill.
- 2) Seal: Santoprene or equivalent.
 - a) Color: **[Beige] [White] [Gray] [Black]**.
- f. Attachment Method: Mechanical anchor.
- g. Load Capacity: Standard duty.

Retain "Fire-Resistance Rating" and "Moisture Barrier" subparagraphs below if required.

- h. Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than **[that of adjacent construction] <Insert rating>**.
- i. Moisture Barrier: Manufacturer's standard.

2.5 FABRICATION

- A. Shop assembles components and package with anchors and fittings.
- B. Provide joint components in single lengths wherever practical. Minimize Site splicing.
- C. Back paint components in contact with cementitious materials to prevent electrolysis.
- D. Galvanize concealed ferrous metal anchors and fastening devices.
- E. Floor expansion joint covers along accessible routes must comply with 2010 ADA Standards, including beveling of vertical offsets greater than **1/4 inch** height.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that rough openings for joint covers are correctly sized and located.
- B. Verify block outs are in place, where required.

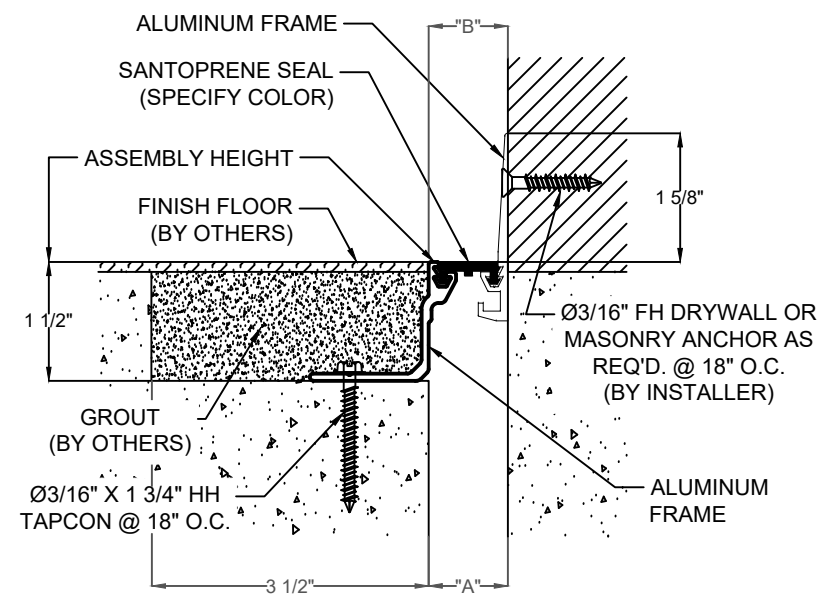
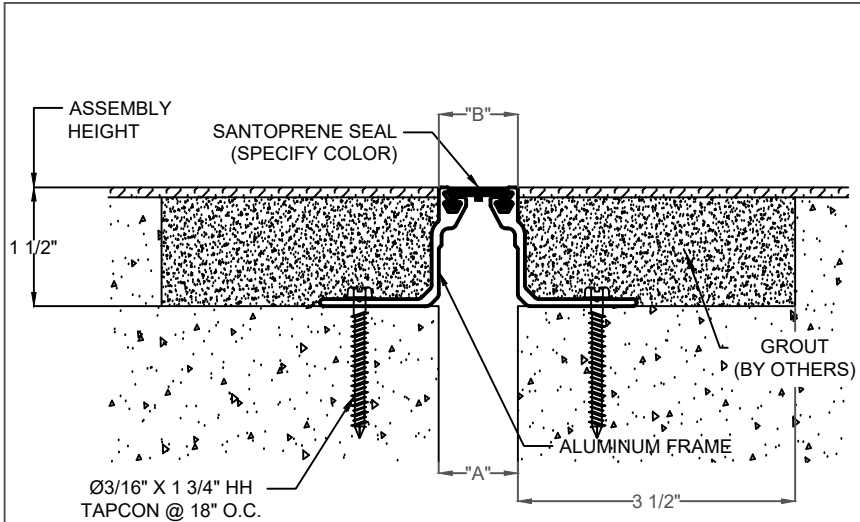
3.2 PREPARATION

- A. Provide anchoring devices for installation and embedment.
- B. Provide templates or rough-in measurements.

3.3 INSTALLATION

- A. Install components and accessories to comply with manufacturer's instructions.
 - 1. Exterior conditions: Heat weld splices and intersections to form a continuous joint system.
- B. Align work plumb and level, flush with adjacent surfaces.
- C. Rigidly anchor to substrate to prevent movement or misalignment.
- D. Where required install flexible fire barrier to comply with manufacturer's instructions.

END OF SECTION



SEAL COLOR SELECTOR			
BLACK	_____	WHITE	_____
BEIGE	_____	GRAY	_____

FLOOR-TO-FLOOR/WALL BLOCKOUT APPLICATION
 EXPOSED FINISH: MILL
 MOVEMENT: +/- 25% NOMINAL JOINT WIDTH
 STOCK LENGTHS: 10'-0"

PRODUCT	Application	Joint Size "A" @ Mean T°F	Exposed Site line "B" IN(MM)	Total Movement IN (MM)
ELCF-100	Floor-Floor	1.00" (25)	1.00" (25)	0.50" (13)
ELCF-100W	Floor-Wall	1.00" (25)	1.00" (25)	0.50" (13)

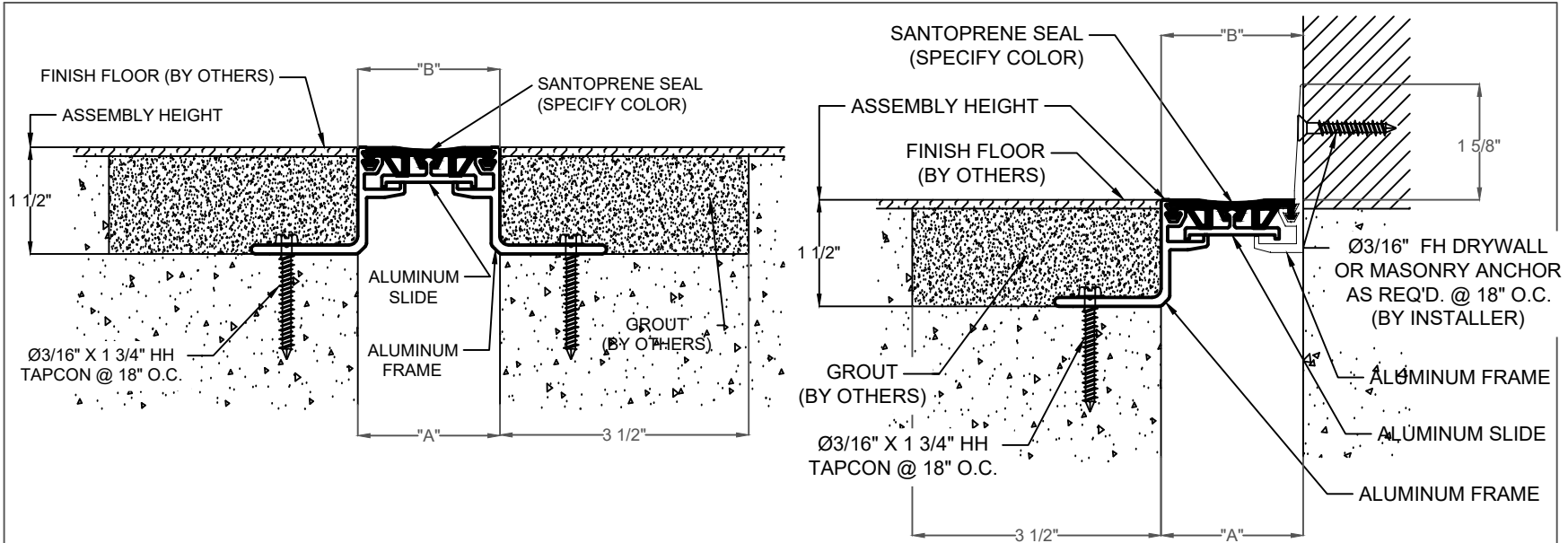
NO.	Description	Date	By
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 Phone: (716) 542-3991 * Fax: (716) 542-3996 * E-mail: sales@eriemetal.com

PROJECT:
TITLE: ELCF-100/100W

Detailed by:	Date:
BAF	10/21/17
Checked by:	Date:
SLP	10/21/17
Scale:	EMS Job #:
NTS	
Sheet No.:	Drawing No.:
1 of 1	ELCF-1



SEAL COLOR SELECTOR	
BLACK _____	WHITE _____
BEIGE _____	GRAY _____

FLOOR-TO-FLOOR/WALL BLOCKOUT APPLICATION
 EXPOSED FINISH: MILL
 MOVEMENT: +/- 25% NOMINAL JOINT WIDTH
 STOCK LENGTHS: 10'-0"

PRODUCT	Application	Joint Size "A" @ Mean T°F	Exposed Site line "B" IN(MM)	Total Movement IN (MM)
ELCF-200	Floor-Floor	2.00" (51)	2.00" (51)	1.00" (25)
ELCF-300	Floor-Floor	3.00" (76)	3.00" (76)	1.02" (26)
ELCF-200W	Floor-Wall	2.00" (51)	2.00" (51)	1.00" (25)
ELCF-300W	Floor-Wall	3.00" (76)	3.00" (76)	1.02" (26)

NO.	Description	Date	By
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PROJECT: _____

TITLE: ELCF-200/200W, 300/300W

Detailed by: BAF	Date: 10/21/17
Checked by: SLP	Date: 10/21/17
Scale: NTS	EMS Job #:
Sheet No.: 1 of 1	Drawing No.: ELCF-1