

Office of Facilities Planning & Construction

University of North Texas

University of North Texas Health Science Center University of North Texas at Dallas

DATE:	January 31, 2023
TO:	Potential Respondents
FROM:	Elaine Robbins – Construction Contract Coordinator II
SUBJECT:	NOTICE #4 – Substitution Request Approvals RFCSP752-23-262094ER UNT Music Practice Jazz Lab

This Notice is being issued to let vendors know of 2 substitution requests of materials that were approved by SmithGroup for the above project.

Substitution Request #1 – 3mm Wool Design Felt

<u>Substitution Request #2</u> – Specification Section 079513.13 Interior Expansion Joint Cover Assemblies, Part 2-Products, 2.2, A.1.c.

Signature – Acknowledgement

Date

SUBSTITUTION REQUEST - 1-18-23

Per our Specification section 079513.13 Interior Expansion Joint Cover Assemblies, Part 2 – Products, 2.2, A, 1, c. Construction Specialties, Inc is an acceptable Manufacturer to SmithGroup. SmithGroup takes no exception to the use of this manufacturer and submitted product. The contractor is responsible for verifying the appropriate system can perform to accommodate the existing expansion joint dimensions. Thank you.

SECTION 079513.13 - INTERIOR EXPANSION JOINT COVER ASSEMBLIES

PART 1 - GENERAL

SUMMARY 1.1

Α. Section includes interior expansion joint cover assemblies.

ACTION SUBMITTALS 1.2

- Product Data: For each type of product. Α.
 - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for expansion joint cover assemblies.
- Shop Drawings: For each expansion joint cover assembly. Β.
 - Include project specific plans, elevations, sections, details, splices, block-out requirement, 1.
 - attachments to other work, and line diagrams showing entire route of each expansion joint. 2. Where expansion joint cover assemblies change planes, provide isometric or clearly detailed
 - drawing depicting how components interconnect.
- Samples for Initial Selection: For each type of exposed finish. C.
 - Include manufacturer's color charts showing the full range of colors and finishes available for each 1. exposed metal and elastomeric-seal material.
- D. Samples for Verification: For each type of expansion joint cover assembly, full width by 6 inches long in size.
- E. Expansion Joint Cover Assembly Schedule: Prepared by or under the supervision of the supplier. Include the following information in tabular form:
 - Manufacturer and model number for each expansion joint cover assembly. 1.
 - Expansion joint cover assembly location cross-referenced to Drawings. 2.
 - 3. Nominal, minimum, and maximum joint width.
 - 4. Movement direction.
 - Materials, colors, and finishes. 5.
 - Product options. 6.

1.3 INFORMATIONAL SUBMITTALS

Product Test Reports: For each fire-resistance-rated expansion joint cover assembly, for tests performed A by manufacturer and witnessed by a qualified testing agency.

PART 2 - PRODUCTS

1.

2.

2.1 ASSEMBLY DESCRIPTION

- Α. Furnish units in longest practicable lengths to minimize field splicing.
- Include factory-fabricated closure materials and transition pieces, T-joints, corners, curbs, Β. cross-connections, and other accessories as required to provide continuous expansion joint cover assemblies.

FLOOR EXPANSION JOINT COVERS 2.2

Α. Single Sightline Floor Joint Cover Insert drawing designation: Saddle plate assembly designed to accept field-applied finish materials on visible surfaces for minimum frame exposure.

- Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - Balco; a CSW Industrials Company; BCP-2-250 (Basis-Of-Design). a.
 - BASE Corp. Watson Bowman Acme Corp. Construction Specialties, Inc. b.
 - C.
 - Inpro Corporation. d.
 - e. MM Systems Corporation.
 - Nystrom. f.
- Application: Floor to wall.
- 3. **Design Criteria** a.
 - Type of Movement
 - Nominal Joint Width: 2 inches 1)
 - 2) Expansion / Contraction: 50 percent

INTERIOR EXPANSION JOINT COVER ASSEMBLIES

079513.13 - 1

BILL NEUHOFF

NCARB, AIA, LEED AP BD+C

Principal | Project Manager

SmithGroup 3333 Welborn Street Suite 100 Dallas, TX 75219

SUBSTITUTION REQUEST (During the Bidding/Negotiating Stage)

Project:	Substitution Request Number
	From:
То:	Date:
	A/E Project Number:
Re:	Contract For:
Specification Title:	Description:
Section: Page:	Article/Paragraph:
Proposed Substitution:	
Manufacturer: Address:	Phone:
Trade Name:	Model No.:
Attached data includes product description, specifications, drawin the request; applicable portions of the data are clearly identified.	gs, photographs, and performance and test data adequate for evaluation of
Attached data also includes a description of changes to the Cont installation.	ract Documents that the proposed substitution will require for its proper
Signed by: <u>Vicole DiChristina</u>	including 1515 design, detaining, and construction costs caused by the
Address:	
Telephone:	
A/E's REVIEW AND ACTION	
 Substitution approved - Make submittals in accordance with Sp Substitution approved as noted - Make submittals in accordance Substitution rejected - Use specified materials. Substitution Request received too late - Use specified materials 	Decification Section 01 25 00 Substitution Procedures. e with Specification Section 01 25 00 Substitution Procedures.
Signed by:	Date:

ELCA Series Ceiling System

This Elastomeric Acoustical Ceiling System limits the sight line of the expansion joint by using an aluminum channel that attaches to the grid system above the sight line. The finished Santoprene seal comes in four colors to match your surrounding substrate and finish material.

FEATURES

ACOUSTIC CEILING Fully integrated with suspended ceiling grid system.

COMPLEMENTARY SEAL COLORS Available in four elastomeric seal color options: beige, white, gray or black.

CONTINUOUS SIGHT LINE This system can be used on walls, ceilings and corners to provide seamless and continuous aesthetics.

DETAILS

MATERIAL 6063-T6 Aluminum with Rubber Seal FINISH Mill MOVEMENT • Thermal: Horizontal **MOUNTING** Flush - Suspended JOINT SIZE 1 inch to 2 inches SEAL LENGTH Continuous **APPLICATION** Interior **INSTALLATION** Ceiling **OPTIONS** Seal Color



MODEL	INSTALLATION	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
ELCA-100	Ceiling-to-Ceiling	1" (25mm)	1" (25mm)	0.5" (13mm)
ELCA-100W	Ceiling Corner	1" (25mm)	1" (25mm)	0.5" (13mm)
ELCA-200	Ceiling-to-Ceiling	2" (51mm)	2" (51mm)	1" (25mm)
ELCA-200W	Ceiling Corner	2" (51mm)	2" (51mm)	1" (25mm)



SEAL COLORS







Ceiling-to-Ceiling





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

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



Seal Wall - Standard Series Model(s) "ELCA-100/200/300" & "ELCA-100W/200W/300W" 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 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.

PN: 28048A

Standard Components





ELCA-200

ELCA-300



Prior to beginning work, installer shall inspect for proper ceiling construction. Verify joint opening to match expansion control system requirements.



2

Prior to fastening the ceiling extrusion to the "T" grid, remove ceiling tiles on both sides of the joint location. Once ceiling tiles have been removed, the contractor can fasten the aluminum extrusion to the "T" grid using at least #8 self drilling screws (by others) space at 24" O.C.





Place aluminum corner wall extrusion on edge of opening as shown. Drill through extrusion, drywall and into stud. Fasten with drywall screws (by others) spaced at 24" O.C. max, starting 6" from ends. Prior to fastening the ceiling extrusion to the "T" grid, remove ceiling tiles on both sides of the joint location. Once ceiling tiles have been removed, the contractor can fasten the aluminum extrusion to the "T" grid using at least #8 self drilling screws (by others) space at 24" O.C.









1. Cut ends of seal with a sharp knife and miter box to the desired angle. Insure that cuts are clean and straight.

- 2. Clean ends of seal with a solvent.
- 3. Apply SI 750 Adhesive to one of the two seal ends to be bonded.

4. Apply pressure bringing the two surfaces into tight contact immediately after adhesive is applied. Hold in place for one to two minutes for initial bond.

5. Re-Check quality of all splices/miters and apply adhesive as required.

7. It is usually recommended to allow 15 minutes prior to installing seal. To achieve proper working strength care shall be exercised as a result that it takes 24 hours for adhesive to fully cure.

SI 750 Adhesive Surface to be spliced.-<u>Note</u>: Make sure that internal webs match to ensure good adhesion.



NO.	Description	Date	Ву

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Detailed by: Date: BAF 10/21/17 Checked By: Date: SLP 10/21/17 Phone: (716) 542-3991 • Fax: (716) 542-3996 • E-mail: sales@eriemetal.com Scale: EMS Job #: NTS Sheet No .: Drawing No.: 1 of 1

PROJECT:

TITLE:



NO.	Description	Date	Ву

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

PROJECT:

TITLE:



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TITLE:



Detailed by:
BAFDate:
10/21/17Checked By:
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NTSEMS Job #:Sheet No.:
1 of 1Drawing No.:

ECN	ECSI
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SUBSTITUTION REQUEST (During the Bidding/Negotiating Stage)

Project:	Substitution Request Number:
	From:
То:	Date:
	A/E Project Number:
Re:	Contract For:
Specification Title:	Description:
Section: Pa	age: Article/Paragraph:
Proposed Substitution:	
Manufacturer:	Address: Phone:
Trade Name:	Model No.:
Attached data includes product d the request; applicable portions o	escription, specifications, drawings, photographs, and performance and test data adequate for evaluation of if the data are clearly identified.
Attached data also includes a de installation.	escription of changes to the Contract Documents that the proposed substitution will require for its proper
substitution. Submitted by: Signed by: Firm:	iChristina
Address:	
Telephone:	
A/E's REVIEW AND ACTION	
 Substitution approved - Make Substitution approved as noted Substitution rejected - Use special Substitution Request received 	submittals in accordance with Specification Section 01 25 00 Substitution Procedures. d - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures. ecified materials. too late - Use specified materials.
Signed by:	Date:
Supporting Data Attached:	Drawings Product Data Samples Tests Reports

ELCW Series - Drywall Bead Application

FEATURES

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

QUICKER INSTALLATION Reduce installation time and labor costs with fast and easy installation.

DETAILS

MATERIAL

6063-T5 Aluminum, Meets ASTB B221 & Santoprene FINISH Mill MOVEMENT

Thermal: Horizontal
 MOUNTING Flush with Drywall Bead
 JOINT SIZE 1 inch to 3 inches
 LENGTH 10 Linear Feet
 APPLICATION Interior
 INSTALLATION Floor
 OPTIONS Moisture Barrier, Fire Barrier &
 additional materials, sizes and finishes
 upon request



WALL-TO-WALL





WALL-TO-WALL/CORNER



MODELS

MODEL	APPLICATION	JOINT SIZE AT MEAN T°F	EXPOSED SIGHT LINE	TOTAL MOVEMENT
ELCW-100	Wall/Ceiling to Wall/Ceiling	1" (25mm)	1" (25mm)	.5" (13mm)
ELCW-200	Wall/Ceiling to Wall/Ceiling	2" (51mm)	2" (51mm)	1" (25mm)
ELCW-300	Wall/Ceiling to Wall/Ceiling	3" (76mm)	3" (76mm)	1.5" (38mm)
ELCW-100W	Wall/Ceiling to Corner	1" (25mm)	1" (25mm)	.5" (13mm)
ELCW-200W	Wall/Ceiling to Corner	2" (51mm)	2" (51mm)	1" (25mm)
ELCW-300W	Wall/Ceiling to Corner	3" (76mm)	3" (76mm)	1.5" (38mm)



Erie Metal Specialties, Inc. 13311 Main Road Akron, NY 14001 Phone: 716-542-3991 Website: www.eriemetal.com E-Mail: sales@eriemetal.com

ELCW-Series Installation Instructions

ELASTOMERIC CORRIDOR SYSTEM – DRYWALL BEAD model(s): elcw/elcww

ELCW Wall to Wall / Ceiling to Ceiling Cover System



GENERAL DESCRIPTION

The ELCW Drywall Bead Elastomeric Corridor System limits the sight line of the expansion joint by using a drywall bead for mounting. The finished tape and four Santoprene seal color options to match your surroundings.

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

Preinstallation

1. Ensure that the area where the expansion system is being installed is smooth and level.



INSTALLATION

Interior Joints (Wall)

 Position aluminum extrusions in the expansion joint as shown and attach with appropriate fasteners (by others) for the substrate. 18" on center (stagger seams, as necessary). See Figure 1



2. Position the elastomeric seal into position and push the seals bulbs into the extrusion channels as shown. Make sure the bulbs are seated all the way into the channel (stagger seams, as necessary). **See Figure 2**



FIGURE 2



3. Protect the elastomeric seal with tape and feather joint compound (by others) over the exposed aluminum frames and onto the gypsum wallboard. Remove tape after wall or ceiling has been finished. **See Figure 3**





ELCWw Wall to Corner / Ceiling to Corner Cover System



GENERAL DESCRIPTION

EMS' ELCWw Interior Elastomeric System is designed to match the ELCW system in corner applications.

Preinstallation

1. Ensure that the area where the expansion system is being installed is smooth and level.



INSTALLATION

1. Position aluminum extrusions in the expansion joint as shown and attach with appropriate fasteners (by others) for the substrate. 18" on center. Make sure the corner extrusion is installed so the extrusions channels are level with each other (stagger seams, as necessary). **See Figure 4**







2. Position the elastomeric seal into position and push the seals bulbs into the extrusion channels as shown. Make sure the bulbs are seated all the way into the channel (stagger seams, as necessary). **See Figure 5**



3. Protect the elastomeric seal with tape and feather joint compound (by others) over the exposed aluminum frames and onto the gypsum wallboard. Remove tape after wall or ceiling has been finished. **See Figure 6**



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**



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



- Figure 2
- Apply a super glue, cyanoacrylate type (non-gel) or similar adhesive (by others) and follow instructions by the adhesive manufacturer. See Figure 3



Figure 3



Interior Joints (Wall)

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**













SPECIFICATION

Section 07 95 13

Erie Metal Specialties, Interior Architectural Systems

Model "ELCWF, ELCW", Series for Wall, Soffit, and Ceiling

Interior Seismic Expansion Control System

PART 1 - GENERAL

- 1.01 Work Included
 - A. The work shall consist of furnishing and installing expansion joints in accordance with the details shown on the plans and the requirements of the specifications. The joints are proprietary designs utilizing extruded elastomeric seals and aluminum profiles.
 - B. Related Work
 - Miscellaneous and ornamental metals
 - Sealants and caulking
 - Interior Finishes
- 1.02 Submittals
 - A. Template Drawings Submit typical expansion joint cross-section(s) indicating pertinent dimensioning, general construction, component connections, and anchorage methods.
- 1.03 Product Delivery, Storage and Handling
 - A. Deliver products in each manufacturer's original, intact, labeled containers and store under cover in a dry location until installed. Store off the ground, protect from weather and construction activities.
- 1.04 Acceptable Manufacturer
 - A. All joints shall be supplied by; Erie Metal Specialties, Inc. 13311 Main Road Akron New York 14001 Phone (716) 542-3991 Fax (716) 542-3996 <u>sales@eriemetal.com</u> <u>www.eriemetal.com</u> .
 - B. Alternate manufacturers and their products will be considered, provided they meet the design concept and are produced of materials that are equal to or superior to those called for in the base product specification.



C. Any proposed alternate systems must be submitted and receive approval 21 days prior to the bid. All post bid submittals will not be considered. This submission shall be in accordance with MATERIALS AND SUBSTITUTIONS.

- Any manufacturer wishing to submit for prior approval must provide the following:

- 1. A working 6" sample of the proposed system with a letter describing how system is considered superior to the specified system.
- 2. A project proposal drawing that illustrates the recommended alternate system installed in the wall or ceiling construction that is specific to the project. Typical catalog cut sections will not be considered.
- 3. Verifiable list of prior installations showing prior and successful experience with the proposed systems.
- 4. Any substitution products not adhering to all specification requirements within, will not be considered.
- 1.05 Quality Assurance
 - A. Warranty: The expansion control system's performance shall be warranted for a period of 1 year. Installation shall be in strict accordance with manufacturer's technical specifications, details, installation instructions and general procedures in effect for normal intended usage and suitable applications under specified design movements and loading conditions.
 - B. Manufacturer: Shall have a minimum ten (10) years experience specializing in the design and manufacture of Architectural Expansion Control Systems.
 - C. Maintenance: The manufacturer shall provide the owner-operator a preventive maintenance guideline for Expansion Control Systems.

PART 2 - PRODUCT

2.01 General

A. Provide interior wall and ceiling expansion joint system that incorporates specially engineered elastomeric colorable profiles to facilitate multi-directional seismic movement without stress to adjacent components. Design system to be easily installed and surface mounted to traditional drywall construction utilizing drywall screws. Aluminum extrusions shall be designed with mounting flanges exhibiting factory pre-punched holes properly sized and spaced to receive joint compound.

For walls, soffits and ceilings furnish Erie Metal Specialties, Model "ELCW, ELCWF" Expansion Control System as indicated on drawings.



2.02 Components and Materials

- A. Aluminum Extrusions Material to conform to properties of ASTM B221, alloy 6063-T5. Profile shall be lightweight and capable of accommodating various wall and ceiling conditions. Design profile with semi-closed extrusion cavity and features that will provide a mechanical lock for the Elastomeric Seal.
- B. Aluminum Shapes Material to conform to ASTM B209, alloy 6061-T6 or 5005-H34.
- C. Elastomeric Seals Material shall be a flexible extruded Santoprene or manufacturer's alternate material exhibiting a shore A hardness of 64 +/-5 with U.V. stabilizer. The seal shall be a multi-cellular profile with side lugs that mechanically snap lock into a corresponding extrusion cavity without assistance from fasteners for a secure fit.
- D. Anchors Secure aluminum extrusion(s) by utilizing standard drywall screws for gypsum wall board construction. Screws are supplied by others and shall be of proper length to secure aluminum extrusion. Locate screws within solid metal between factory pre-punched flange holes. Anchor spacing shall be 24" c.c. maximum.
- E. Accessories Provide necessary and related parts required for complete installation.

2.03 Fabrication

- A. Aluminum extrusions shall be supplied in 10 ft. lengths. The contractor shall be responsible for field cutting the extrusion to obtain the proper joint profile. All cutting and mitering of the seal required at directional changes shall be performed by the contractor in a neat and workmanlike manner utilizing manufacturers recommended splice clips and adhesive.
- B. All anchor holes shall be field drilled in accordance with manufacturer's drawings. Spacing shall be a maximum of 24" c.c.

2.04 Finishes

- A. Aluminum extrusions shall be supplied in standard mill finish.
- B. Elastomeric seals shall be supplied in standard colors Black, beige and gray. Optional custom colors available

PART 3 - EXECUTION

- 3.01 Installation
 - A. Protect all expansion joint component parts from damage during installation and thereafter until completion of structure.



- B. Expansion joint systems shall be installed in strict accordance with the manufacturer's typical details and instructions along with the advice of their qualified representative.
- C. Contractor shall provide proper and adequate adjacent construction to receive and support the expansion control joint system. The supporting framework (studding) shall be of design to secure all threaded hardware and provide rigidity for the proper installation and function of the joint system.
- 3.02 Clean and Protect
 - A. Protect system and its components during construction. After work is complete in adjacent areas clean exposed surfaces with a suitable cleaner that will not harm or attack the elastomeric material.







ECN	ECSI
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SUBSTITUTION REQUEST (During the Bidding/Negotiating Stage)

Project	Substitution Doquest Number:
	From:
To:	Date:
	A/E Project Number:
Re:	Contract For:
Specification Title:	Description:
Section: Page:	Article/Paragraph:
Proposed Substitution: Address: Manufacturer: Address: Trade Name:	Phone:
Attached data includes product description, specifications, drawing the request: applicable portions of the data are clearly identified.	ngs, photographs, and performance and test data adequate for evaluation of
Attached data also includes a description of changes to the Continstallation.	tract Documents that the proposed substitution will require for its proper
 Proposed substitution with have no adverse effect on other that Proposed substitution does not affect dimensions and functio Payment will be made for changes to building design, is substitution. Submitted by: 	including A/E design, detailing, and construction costs caused by the
Firm:	
Address:	
Telephone:	
A/E's REVIEW AND ACTION	
 Substitution approved - Make submittals in accordance with Sp Substitution approved as noted - Make submittals in accordance Substitution rejected - Use specified materials. Substitution Request received too late - Use specified materials 	pecification Section 01 25 00 Substitution Procedures. ce with Specification Section 01 25 00 Substitution Procedures. s.
Signed by:	Date:
Supporting Data Attached:	a 🗆 Samples 🗆 Tests 🗆 Reports 🗆

ESA/EDA Series Flooring System

The Single Wing and Double Wing Flooring Infill System is designed to cover thermal expansion joint openings. Constructed of aluminum and designed to integrate with carpet, tile and VCT flooring, this system provides a minimal 1-1/2 inch sight line.



FEATURES

COORDINATE WITH FLOORING Seamless integration with existing VCT, carpet and tile flooring.

DOUBLE WING OPTION Add a double sight line to coordinate with a matching wall system.

ADA COMPLIANT This system is not a trip hazard as the no bump design provides a finished flush floor transition.

DETAILS

MATERIAL 6063-T6 Aluminum FINISH Mill MOVEMENT • Thermal: Horizontal **MOUNTING** Surface JOINT SIZE Up to 2 inches LENGTH 10 Linear Feet LOAD Pedestrian and Light Cart **INSTALLATION** Floor **OPTIONS** Moisture Barrier, Fire Barrier

MODELS

SINGLE WING

MODEL	JOINT SIZE AT MEAN T°F	EXPOSED SIGHT-LINE	FLOOR INFILL HEIGHT	TOTAL MOVEMENT
ESA150-125	2" (51mm)	1.5" (38mm)	0.125" (3mm)	1" (25mm)
ESA150-250	2" (51mm)	1.5" (38mm)	0.25" (6mm)	1" (25mm)
ESA150-375	2" (51mm)	1.5" (38mm)	0.375" (10mm)	1" (25mm)





Single Wing Floor-to-Floor





Double Wing Floor-to-Floor

DOUBLE WING

MODEL	JOINT SIZE AT MEAN T°F	EXPOSED SIGHT-LINE	FLOOR INFILL HEIGHT	TOTAL MOVEMENT
EDA150-125	2" (51mm)	4" (102mm)	0.125" (3mm)	1" (25mm)
EDA150-250	2" (51mm)	4" (102mm)	0.25" (6mm)	1" (25mm)
EDA150-375	2" (51mm)	4" (102mm)	0.375" (10mm)	1" (25mm)



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ESA150 Series Expansion Joint Cover – Installation Instructions



DIAGRAM 1

EMS Supplies These Items Along with Expansion Joint Covers:

1. Sleeve anchors, 1/4

Materials Needed by Installer:

- 1. Electric drill
- 2. Tape measure or ruler
- 3. Broom and dust pan or vacuum

4. Chop saw to cut joints to length

Fire barrier if required

5. 1/4" masonry bit

2.

6. Flash patch and utensils

Installation Instructions

- 1. Insure that the floor is smooth. High spots should be ground down and low spots filled in. Make sure floor is clean by sweeping and/or vacuuming floor.
- 2. Cut and fit expansion joints to required length, if installing more than 1 piece lay out entire run to insure proper alignment. Make sure that the anchors are at least 1 ¼" from floor gap wall.
- Drill end holes first, this insures that the expansion joint will not move and alignment with other joints is obtained. Expansions joints are supplied with predrilled holes (see diagram). Drill holes to a depth of 2.50 inches, using correct drill bit, 1/4 concrete drill bit.
- 4. Insert the assembled anchor into hole so the head of anchor is flush with top surface of expansion joint. Expand the anchor by tightening the head 2 to 3 turns.
- 5. Once anchors are in the end holes, drill remaining holes and install anchors.
- 6. Flash patch on anchored side and feather back 3-6 inches to assure a smooth transition.
- 7. Cut in floor covering; make sure it abuts tightly to the edge of the wing on the fixed portion of expansion joint. The floor covering should extend only halfway under the unsecured wing (note open space in diagram).



NO.	Description	Date	Ву

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PROJECT:

TITLE:

Detailed by:
BAFDate:
10/21/17Checked By:
SLPDate:
10/21/17Scale:
NTSEMS Job #:Sheet No.:
1 of 1Drawing No.:



SUBMITTAL LETTER

DATE:	PROJECT:
REF NO.:	
TO:	FROM:

TO WHOM	IT MAY	Y CONCERN
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WE ARE SENDING YOU:	ATTACHED	UNDER	SEPARATE COVER, VIA
THE FOLLOWING ITEMS:	ACTION SUBMITTALS	INFORM	MATION SUBMITTALS
SHOP DRAWINGS	PRINTS	PLANS	SAMPLES
FULL SUBMITTAL	PARTIAL SUBMITTALS		OTHER: COLOR CHARTS

SUBSTITUTION REQUEST

TYPE OF SUBMITTAL:

COPIES	DATE	SPEC SECTION	DESCRIPTION

FOR APPROVAL	APPROVED AS SUBMITTED	RESUBMIT
FOR YOUR USE	APPROVED AS NOTED	SUBMIT
AS REQUESTED	RETURNED FOR CORRECTIONS	RETURN
FOR REVIEW AND COMMENT		

REMARKS:

SIGNED: ______