



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

REV 05/23
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
 - (716) 542-3991
 - www.eriemetal.com



B. Seismic Elastomeric Corridor Wall & Ceiling System surface application.

1. Basis-of-Design Product: Erie Metal Specialties, Inc.: Model ELCS

2. Design Criteria:

- a. Exposed Sightline **[As indicated on Drawings]** <Insert width>.
- b. System Width: **[As indicated on Drawings]** <Insert width>.
- c. Nominal Joint 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 fasteners.

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. Seismic Elastomeric Corridor Wall & Ceiling System surface application.

1. Basis-of-Design Product: Erie Metal Specialties, Inc: Model ELCSw

2. Design Criteria:

- a. Exposed Sightline **[As indicated on Drawings]** <Insert width>.
- b. System Width: **[As indicated on Drawings]** <Insert width>.
- c. Nominal Joint 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 fasteners.

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.

2.3 FABRICATION

A. Shop assembly 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