Knowledge for Creating and Sustaining the Built Environment

SUBSTITUTION REQUEST

(After the Bidding/Negotiating Phase)

Project: _____ Substitution Request Number: (For Architect to fill in)

_____ From: _____

To: _____ Date: _____

_____ A/E Project Number: _____

Re: _____ Contract For: _____

Specification Title: _____ Description: _____

Section: _____ Page: _____ Article/Paragraph: _____

Proposed Substitution: EBWF-Series Aluminum Corridor System

Manufacturer: Erie Metal Specialties, Inc. Phone: 716-542-3991

Address: 13311 Main Road, Akron, NY 14001

Trade Name: EBWF-Series Model No.: EBWF

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 ☐ _____

Form Version: June 2004
CSI Form 13.1A

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: _____

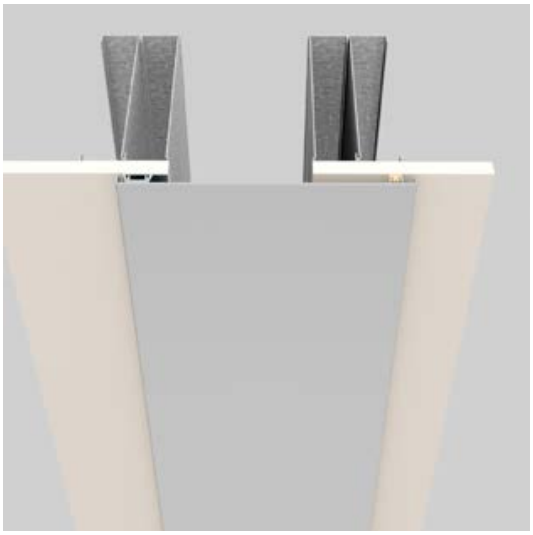
Additional Comments: ☐ Contractor ☐ Subcontractor ☐ Supplier ☐ Manufacturer ☐ A/E ☐ Other:

Form Version: June 2004
CSI Form 13.1A

EBWF Series Aluminum Corridor System

Interior Joints (Wall)

The Aluminum Corridor System is a durable wall and ceiling expansion joint system capable of accommodating joint openings up to 4 inches. It is an aesthetically attractive system engineered to eliminate visible hardware and features snap lock components for easy, secure assembly



FEATURES

EASE OF INSTALLATION Minimal components to reduce labor cost during installation

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

DETAILS

MATERIAL 6063-T6 Aluminum

FINISH Mill

MOVEMENT

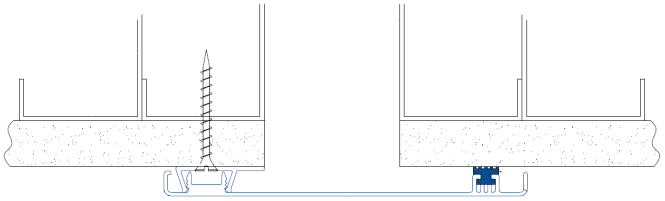
- Thermal: Horizontal and Vertical

MOUNTING Surface

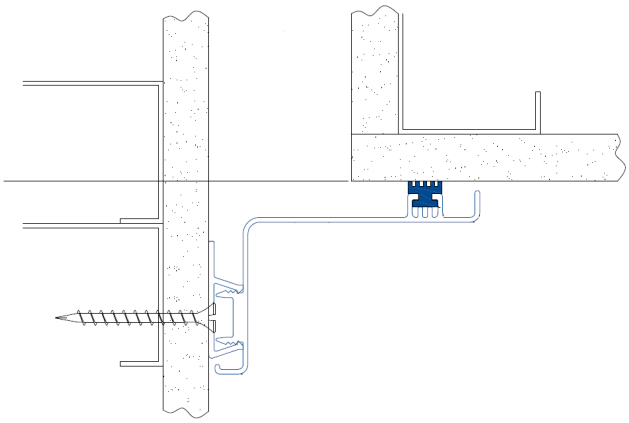
JOINT SIZE 1 inch to 4 inches

APPLICATION Interior

INSTALLATION Wall or Ceiling



Wall-to-Wall



Wall/Ceiling Corner

MODELS

MODEL	INSTALLATION	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
EBWF-100	Wall-to-Wall	1" (25mm)	4.25" (108mm)	1" (25mm)
EBWF-200	Wall-to-Wall	2" (51mm)	5.75" (146mm)	2" (51mm)
EBWF-300	Wall-to-Wall	3" (76mm)	7.25" (184mm)	3" (76mm)
EBWF-400	Wall-to-Wall	4" (102mm)	8.25" (210mm)	4" (102mm)
EBWF-100W	Wall/Ceiling Corner	1" (25mm)	2.88" (73mm)	1" (25mm)
EBWF-200W	Wall/Ceiling Corner	2" (51mm)	4.38" (111mm)	2" (51mm)
EBWF-300W	Wall/Ceiling Corner	3" (76mm)	5.88" (149mm)	3" (76mm)
EBWF-400W	Wall/Ceiling Corner	4" (102mm)	6.88" (175mm)	4" (102mm)

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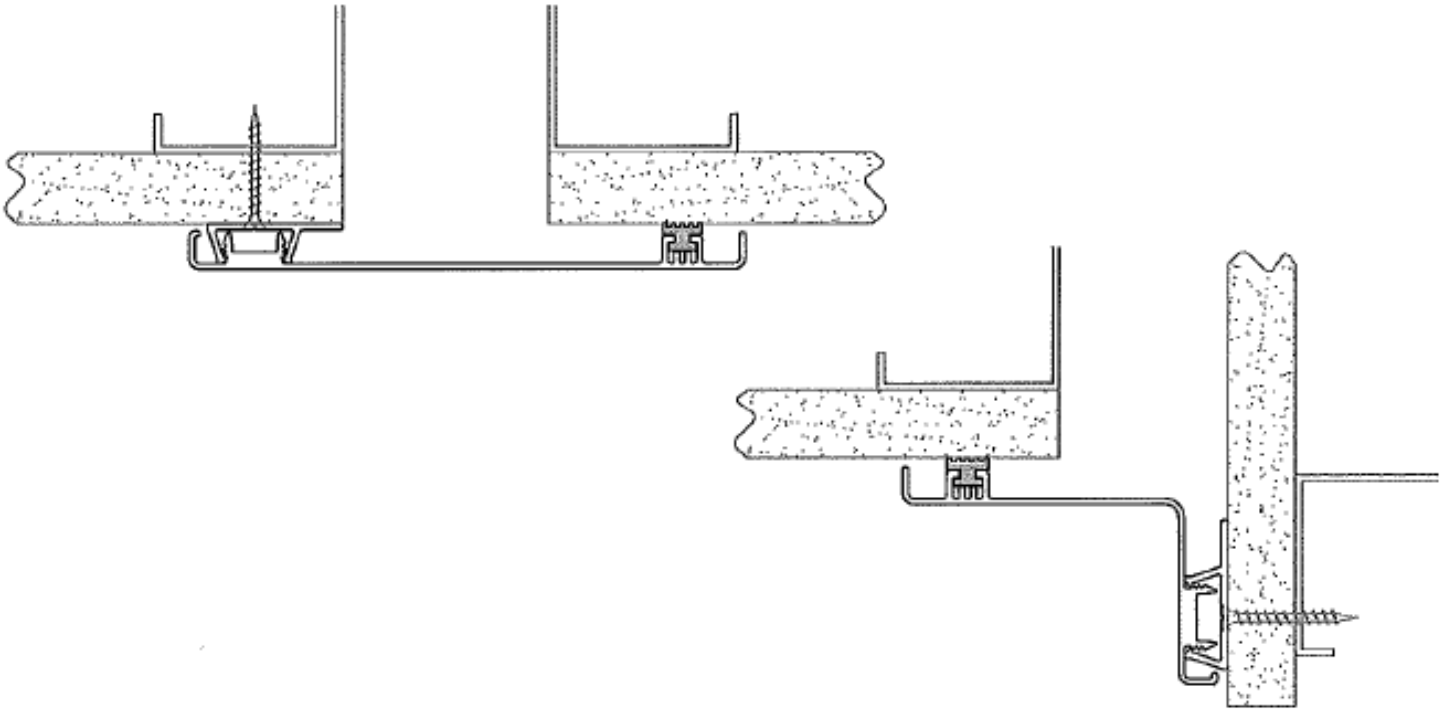
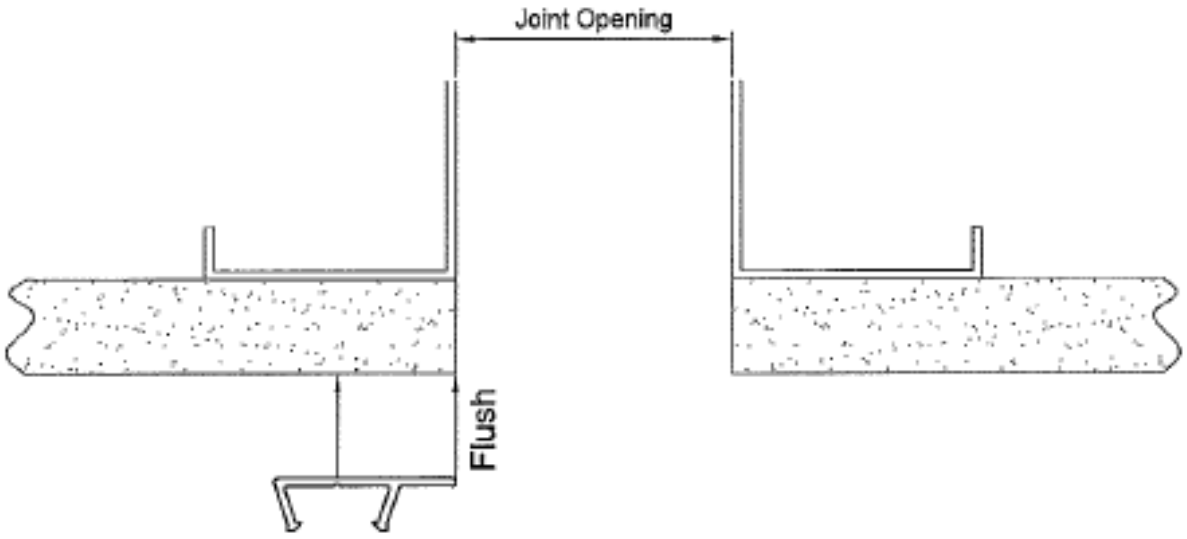
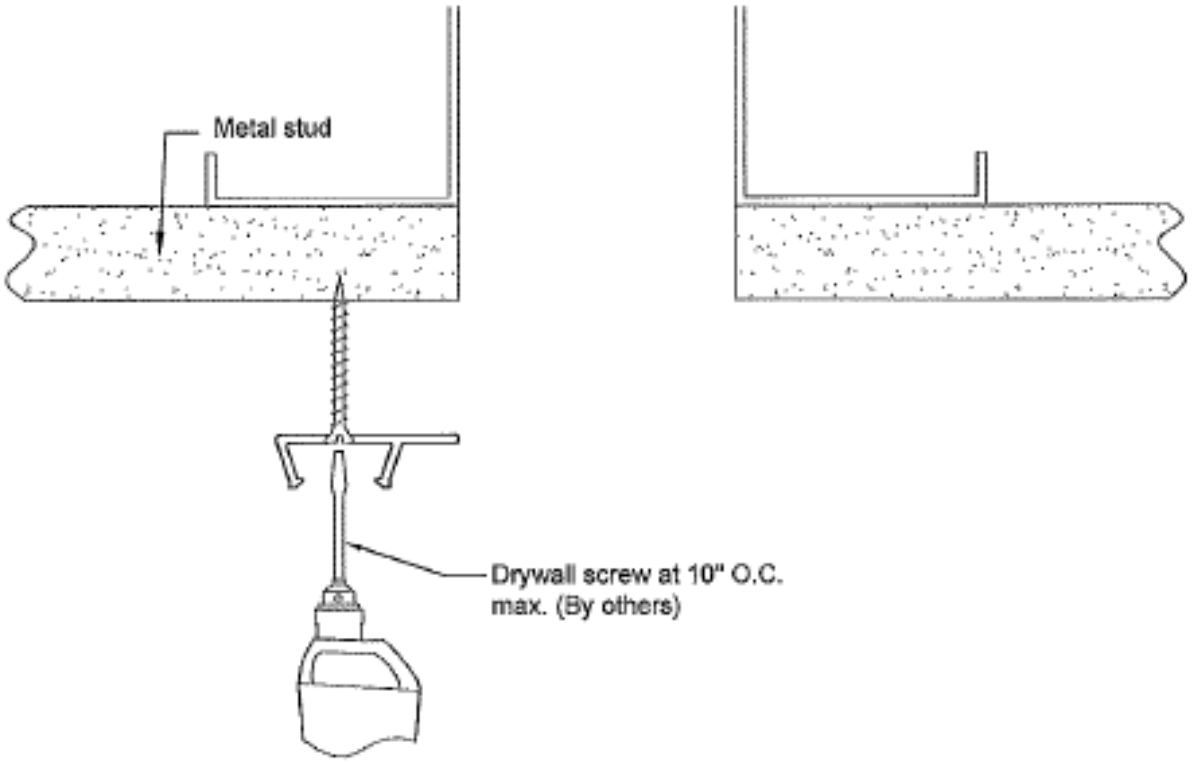
EBWF Series Installation Instructions



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.

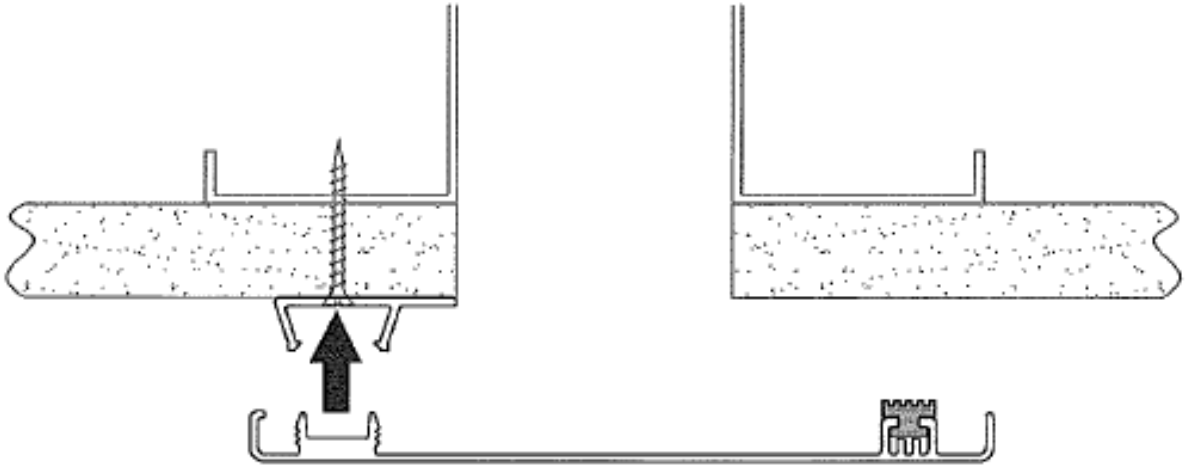


1 Position base extrusion onto wall flush with edge of joint opening.



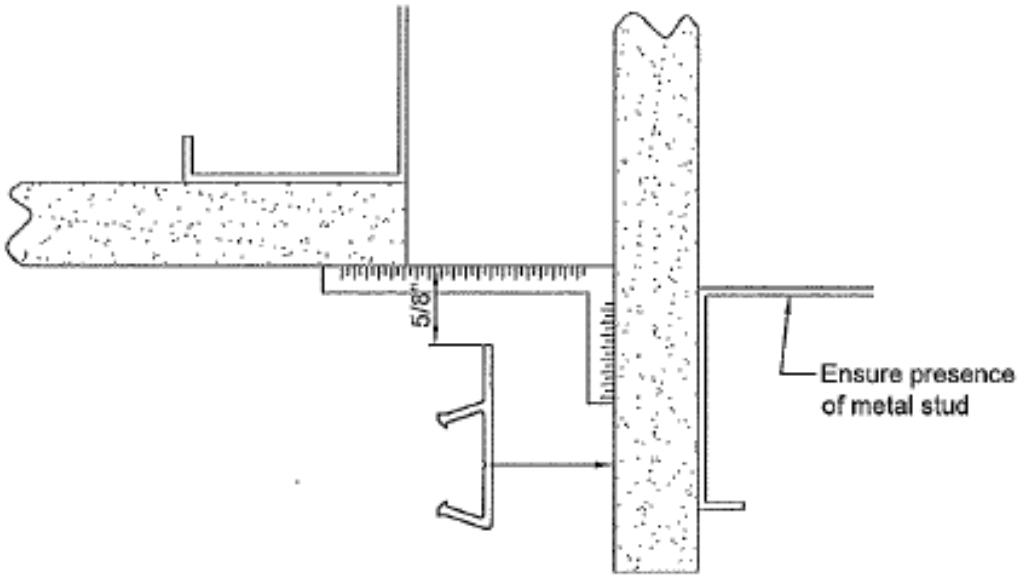
2 Align and drive drywall screw through base extrusion into wall construction at the specified anchor spacing.

3 Slide PVC Gasket into cover.

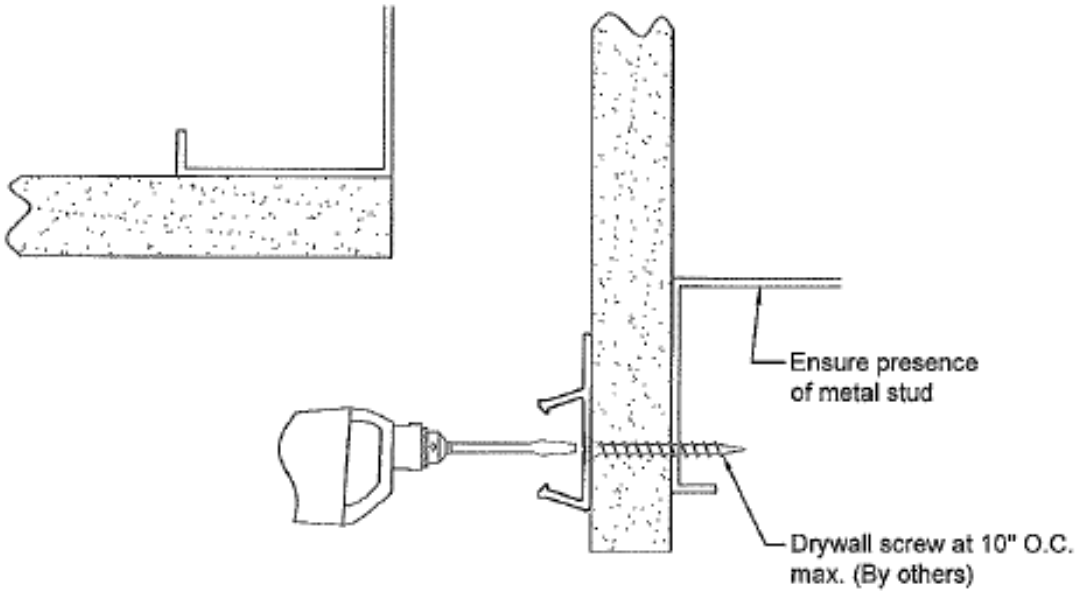


4 Align Cover with base extrusion. Slowly and carefully snap aluminum cover into base extrusioin.

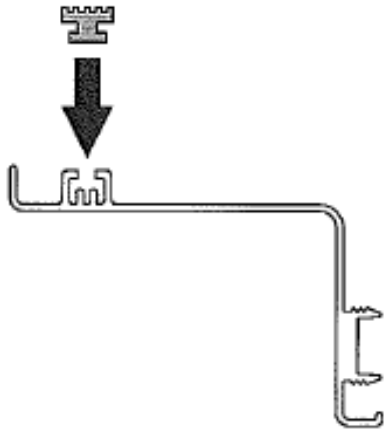
Corner Condition



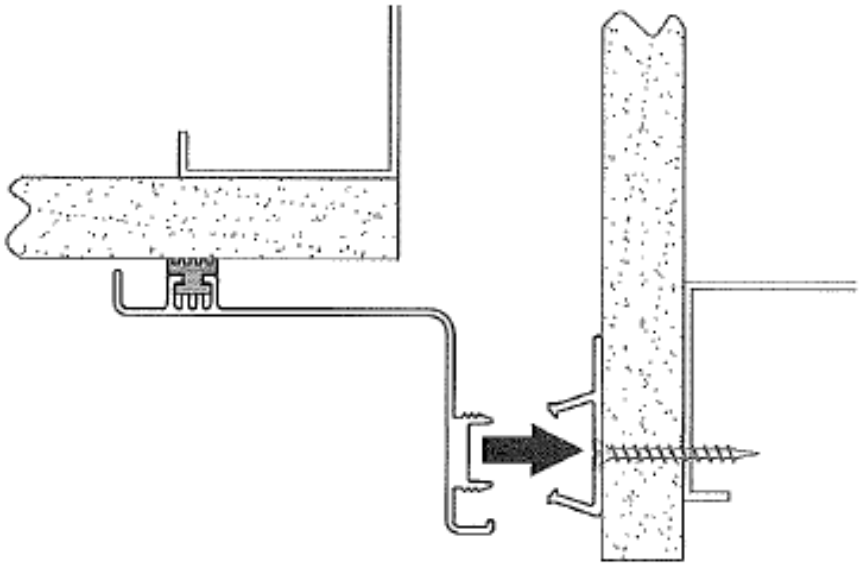
1 Position base extrusion onto wall as shown. Ensure top of the base extrusion is 5/8" away from other wall.



2 Drill hole through metal wall stud for dry wall using screw gun. Align and drive drywall screw through base extrusion into wall construction at the specified anchor spacing.



3 Slide PVC Gasket into cover.



4 Align cover with base extrusion. Slowly and carefully snap aluminum cover into base member.

Erie Metal Specialties, Inc.
13311 Main Road
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Website: www.eriemetal.com

SPECIFICATION
Section 07 95 13

Erie Metal Specialties, Interior Architectural Systems

Model(s) "EBWF" and EBWF(W) - Wall and Ceiling Joint Systems

Interior 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 • sales@eriemetal.com • www.eriemetal.com .

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.

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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-drilled holes properly sized and spaced.

2.02 Components and Materials

Erie Metal Specialties, Inc.
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Website: www.eriemetal.com

A. Exposed Cover - Materials shall be aluminum conforming to properties of ASTM B221 6063-T5.

B. Slide Gasket - Material shall be a polyvinyl chloride (PVC) extruded profile. Design gasket to mechanically lock into continuous channel of aluminum cover.

C. Base Extrusion – Material shall be a rigid polyvinyl chloride extruded profile.

D. Anchors - Supplied by others. Contractor shall install appropriate anchor to accommodate wall and/or ceiling construction. For gypsum wallboard construction, manufacturer recommends standard drywall screws of sufficient length. Maximum spacing shall be 18" c.c.

For masonry block or concrete construction utilize No. 12 diameter x 1 ¾" lg. (min.) flat head threaded concrete anchor. Anchor spacing at 18" c.c. maximum.

E. Accessories - Provide necessary and related parts required for complete installation.

2.03 Fabrication

A. Extrusions to be shipped in standard 10 ft. lengths and shall be cut to length on jobsite where required. Profiles shall be miter cut in the field to conform to directional changes unless otherwise contracted with expansion joint manufacturer.

B. Slide Gasket shall be shipped in the longest practical continuous length in manufacturer's standard shipping carton.

C. Fire Barriers - Ship manufacturer's standard assembly for the required hourly rating. Fire barrier shall be miter cut in the field to accommodate changes in direction.

D. 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. Exposed Cover,
1. Aluminum material
Clear anodize Standard - Clear anodized finish in accordance with AA-M10 C22 A31 Class II (0.4 - 0.7 thick anodic coating).

2. Colorized anodize. See manufactures color selection.

PART 3 - EXECUTION

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3.01 Installation

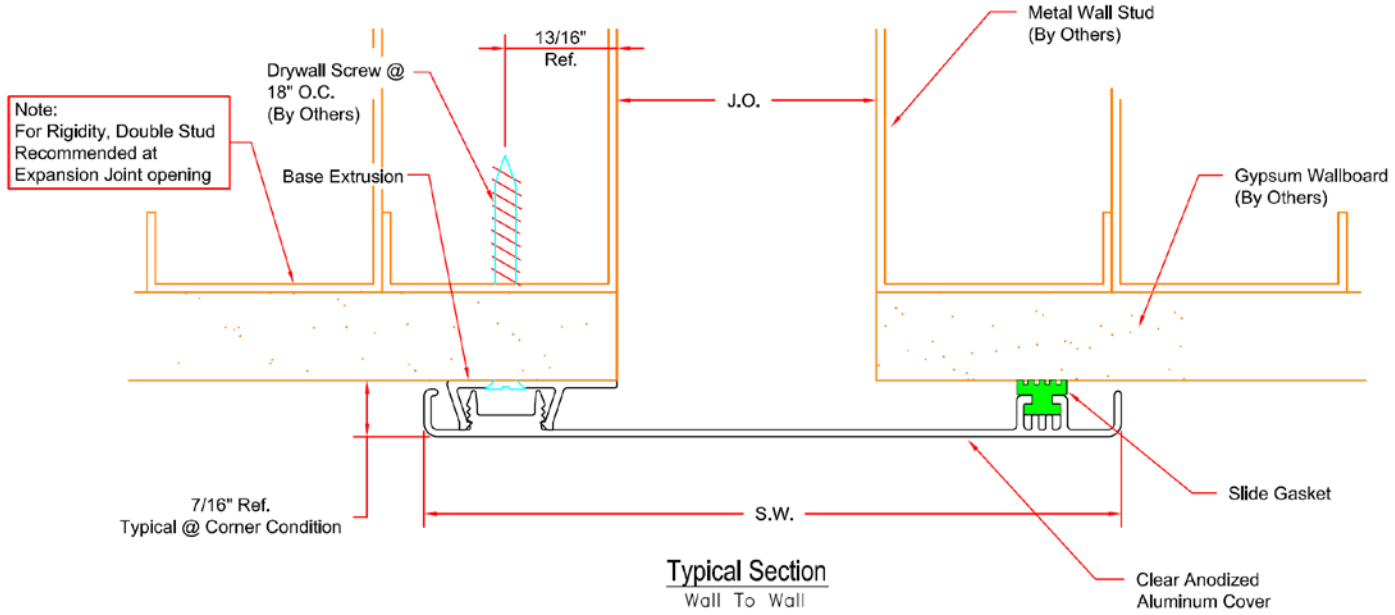
A. Protect all expansion joint component parts from damage during installation and placement of wall or ceiling materials and thereafter until completion of structure.

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 Inspect

A. Upon completing installation, the contractor shall clean all exposed metal surfaces with a suitable cleaner that will not harm or attack the finish. Contact manufacturer should questions arise regarding suitability of any cleaner type prior to its use.



EBWF
WALL TO WALL CONDITION

Dimension Chart

Model	Joint Opening (J.O.) at install		Joint Opening (J.O.) allow min.		Joint Opening (J.O.) allow max.		Total Movement		S.W. at install	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
EBWF-100	1	25	1/2	13	1 1/2	38	1	25	4 1/4	108
EBWF-200	2	51	1	25	3	76	2	51	5 3/4	146
EBWF-300	3	76	1 1/2	38	4 1/2	114	3	76	7 1/4	184
EBWF-400	4	102	2	50	6	152	4	102	8 1/4	210

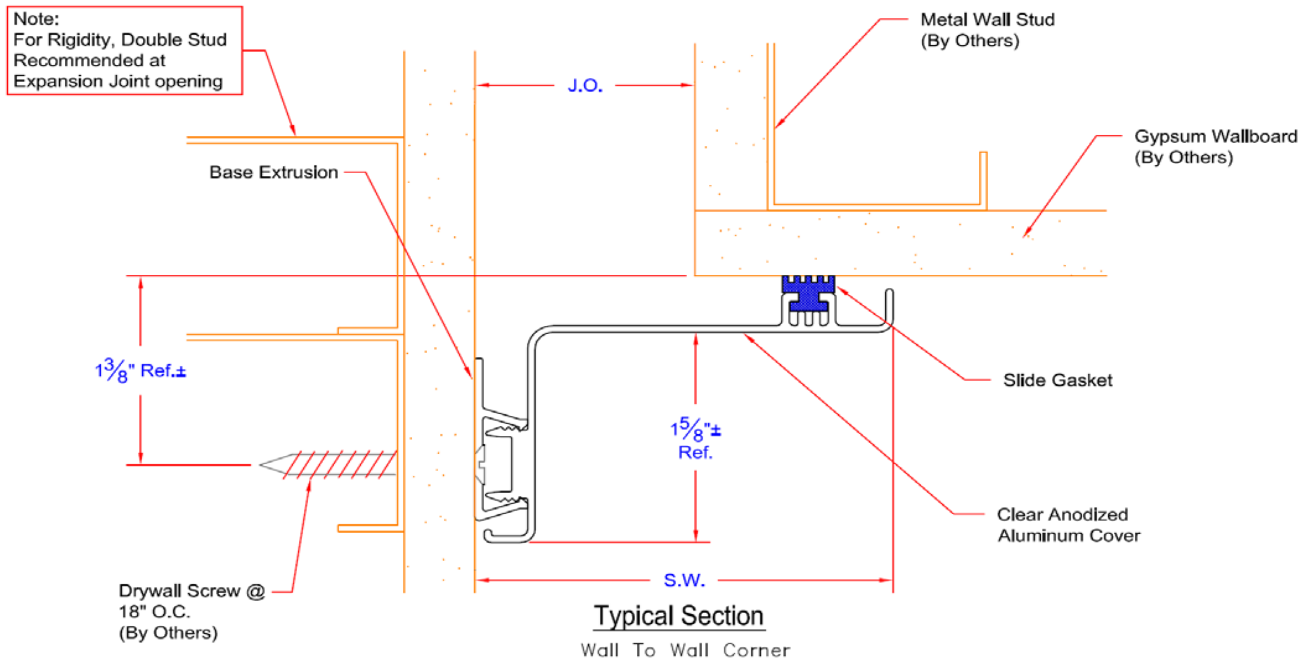
NO.	Description	Date	By

ERIE METAL SPECIALTIES
13311 Main Road • Akron • New York • 14001
Phone: (716) 542-3991 • Fax: (716) 542-3996 • E-mail: sales@eriemetal.com

PROJECT:

TITLE:

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.: EBWF-Series



EBWF-W

WALL TO WALL CORNER CONDITION

Dimension Chart

Model	Joint Opening (J.O.) at install		Joint Opening (J.O.) allow min.		Joint Opening (J.O.) allow max.		Total Movement		S.W. at install	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
EBWF-100W	1	25	1/2	13	1 1/2	38	1	25	2 7/8	73
EBWF-200W	2	51	1	25	3	76	2	51	4 3/8	111
EBWF-300W	3	76	1 1/2	38	4 1/2	114	3	76	5 7/8	149
EBWF-400W	4	102	2	50	6	152	4	102	6 7/8	175

NO.	Description	Date	By

ERIE METAL SPECIALTIES
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PROJECT:

TITLE:

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.: EBWF-W-Series