Interior Joints (Floor)

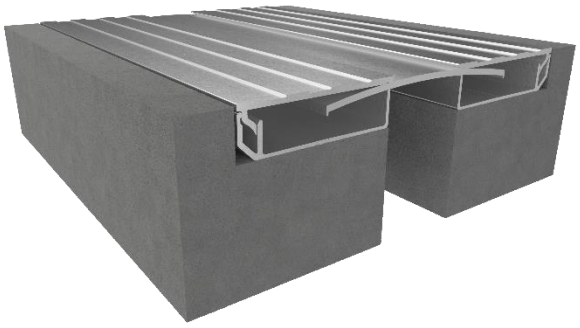
ENBF-Series Installation Instructions

SEISMIC ALUMINUM GLIDE FLOORING SYSTEM, NO-BUMP BLOCKOUT APPLICATION

Model(s): ENBF-ENBFw

ENBF Floor to Floor System – 1" Through 4" Sizes

GENERAL DESCRIPTION



This Seismic Glide No-Bump Blockout system is designed to allow for vertical slab offsets & multi-directional movement, in a durable, easily assembled cover system. The convex design allows for a smooth, no-bump transition when light cart traffic is rolled over the system. ADA-compliant.

Introduction + Safety

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.

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

Erie Metal Specialties, Inc. | 13311 Main Rd., Akron, NY 14001 | (716) 542-3991 | sales@eriemetal.com

- Tape measure
- Chop saw to cut product to length
- Electric drill with Ø3/16" masonry bit & Ø1/4" metal bit
- Philips drivers for anchors
- Broom & dustpan or vacuum
- Level
- Silicone sealant

Included with the expansion joint system:

- Ø1/4" x 1-3/4" Lg. threaded anchors

Preinstallation

1. Pour floors with blockouts as shown on shop drawings.
2. Ensure the area where the expansion joint system is being installed (including the blockout area) is smooth and level. High spots should be ground down and low spots filled in. Make sure the area is clean by sweeping and/or vacuuming the substrate.

INSTALLATION (Floor-to-Floor ONLY)

1. After predrilling Ø1/4" clearance holes in the aluminum base frames per the shop drawings, position them in the blockouts as shown below. Align the aluminum base frame profile with the edge of the joint opening. Then using the frame as a template, mark, and drill Ø3/16" holes for the Ø1/4" Threaded anchors as shown on the shop drawings. **See Figure #1**

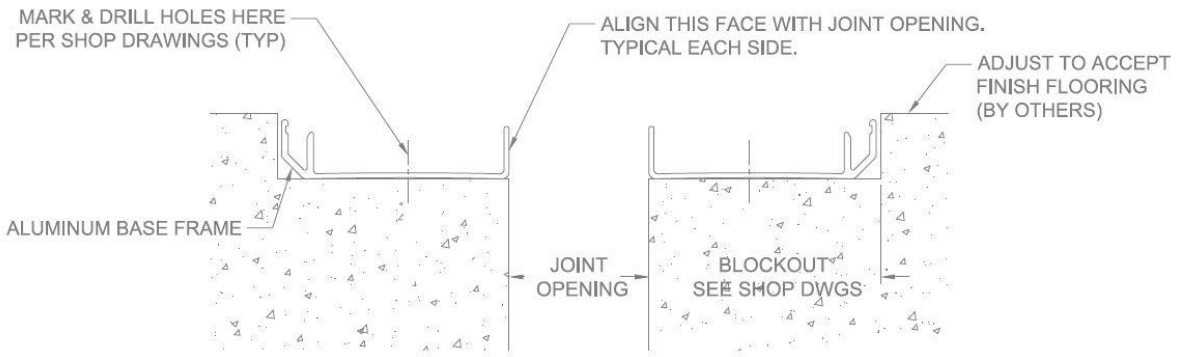


FIGURE #1

2. Set the aluminum base frames into position and attached with supplied threaded anchors through the previously drilled holes. Before installing the aluminum base frames to the blockout opening with supplied anchors, make sure the frame profile is still aligned with the joint opening on each side. **See Figure #2**.

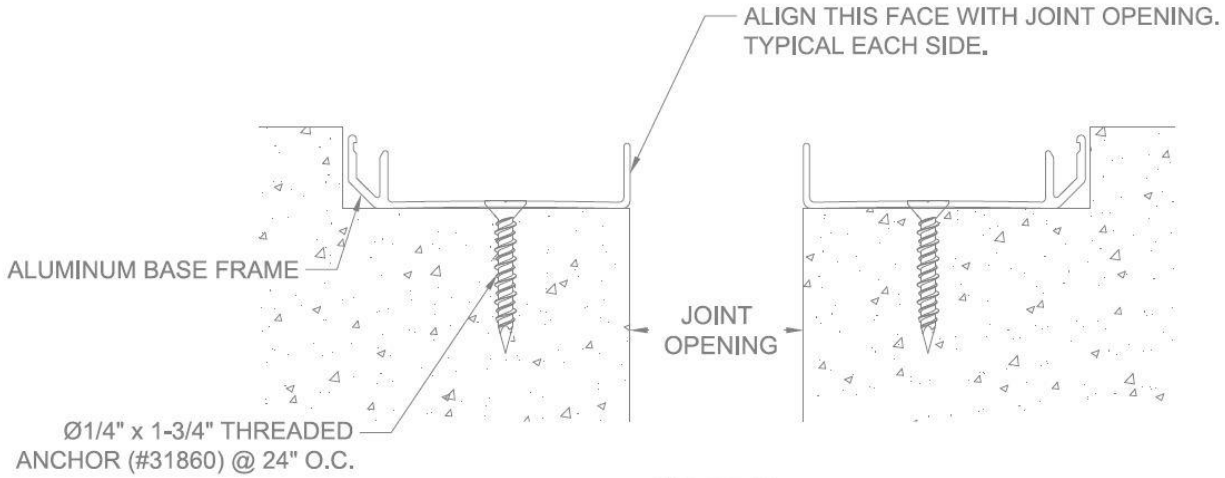


FIGURE #2

3. Place and center the aluminum glide across the center of the system as shown on the shop drawings. It is held in place on each side by the aluminum covers – see shop drawings. Once it's determined that the aluminum glide is centered, gently press the aluminum covers into place (one each side). Care must be taken so that: 1) the glide is firmly held in place and 2) the aluminum covers are firmly in place and level. Place a level across the entire system to confirm it's placed correctly. **See Figure #3.**

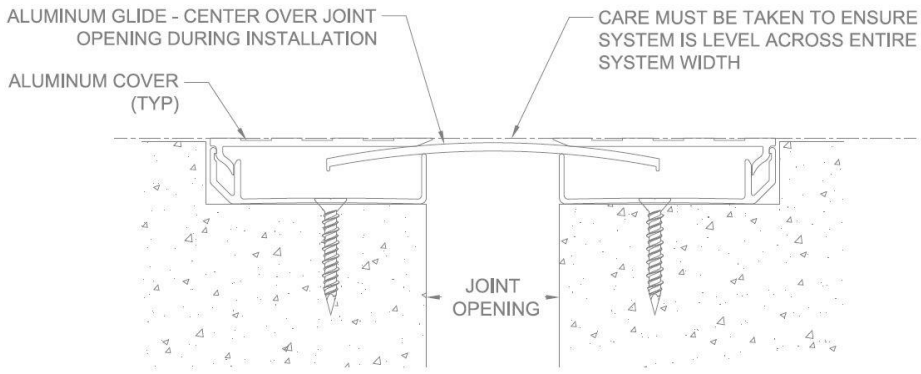


FIGURE #3

4. Final step: if required, apply sealant or grout (by installer) as shown on shop drawings. **See Figure #4**.

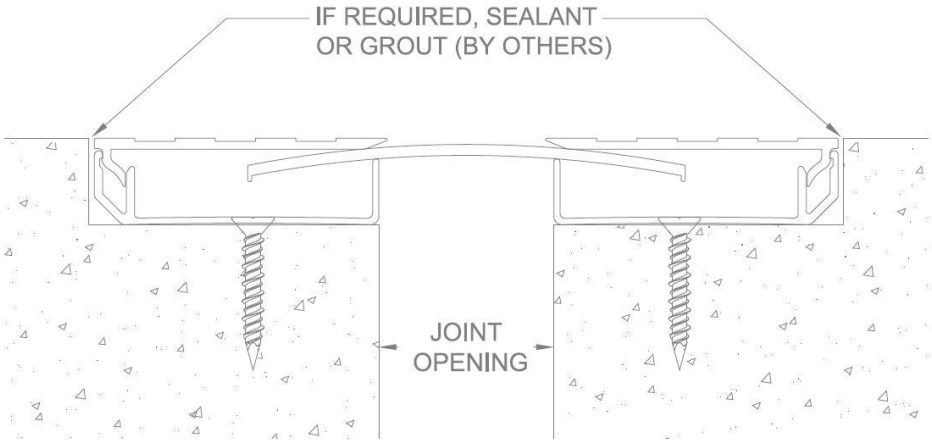
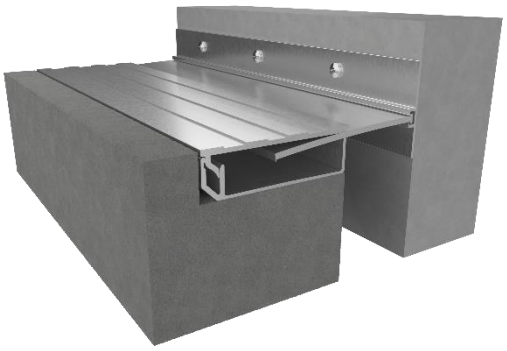


FIGURE #4

ENBF Floor to Wall System – 1" Through 4" Sizes

GENERAL DESCRIPTION



EMS' ENBFw Interior Cover System is designed to match the ENBF cover plate in floor to wall applications.

Preinstallation

1. Pour floors with blockouts as shown on shop drawings.
2. Ensure the area where the expansion joint system is being installed (including the blockout area) is smooth and level. High spots should be ground down and low spots filled in. Make sure the area is clean by sweeping and/or vacuuming the substrate.

INSTALLATION (Floor-to-Wall ONLY)

1. After predrilling Ø1/4" clearance holes in the aluminum base frames per the shop drawings, position them in the blockout.

2. As shown below, align the aluminum base frame profile with the edge of the joint opening. Then using the frame as a template, mark, and drill Ø3/16" holes for the Ø1/4" threaded anchors as shown on the shop drawings. **See Figure #5**

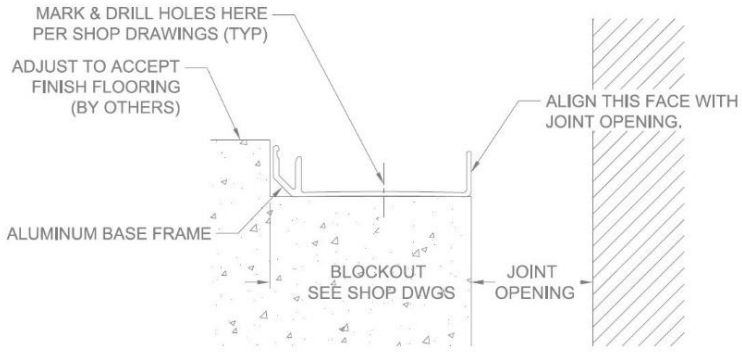


FIGURE #5

3. Next remove the aluminum base frame and align the aluminum wall frame with the base of the blockout as shown below. Once aligned and level, tape or other temporary measures can be taken to temporarily hold the wall frame in place. Use care to predrill and set the aluminum wall frame in place using Ø3/16" drywall or masonry anchors (by installer) as indicated on shop drawings. **See Figure #6**.

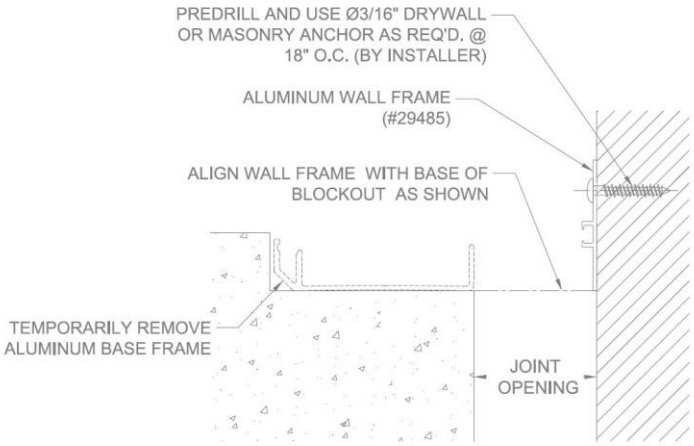


FIGURE #6

Using care realign the holes and profile face joint opening, set the aluminum base frames back into position, and attach with supplied threaded anchors through the previously drilled holes. Before installing the aluminum base frames to the blockout opening with supplied anchors, make sure the frame profile is still aligned with the joint opening on each side. **See Figure #7**.

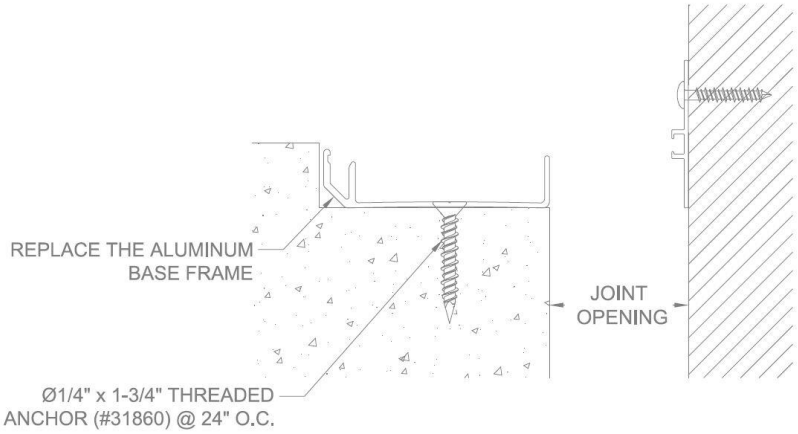


FIGURE #7

4. Place and center the aluminum glide across the opening on the shop drawings. It is held in place and installed as shown below. Once it's determined that the aluminum glide is installed, gently press the aluminum cover into place. Care must be taken so that: 1) the glide is firmly held in place and 2) the aluminum cover is firmly in place and level. Place a level across the entire system to confirm it's placed correctly. **See Figure #8.**

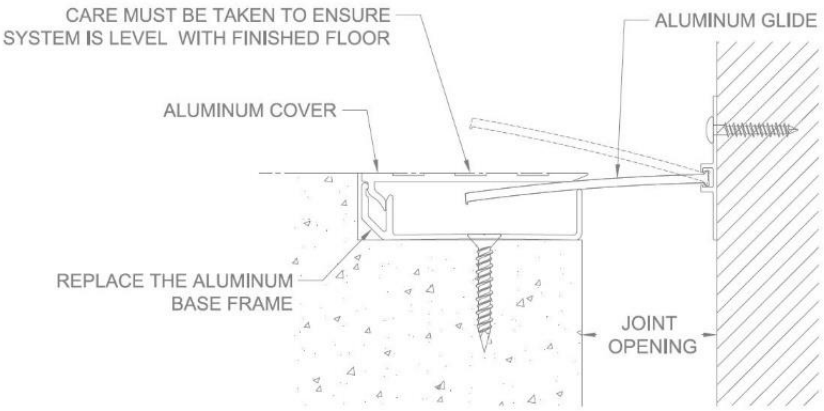


FIGURE #8

5. Final step: if required, apply sealant or grout (by installer) as shown on shop drawings. **See Figure #9**.

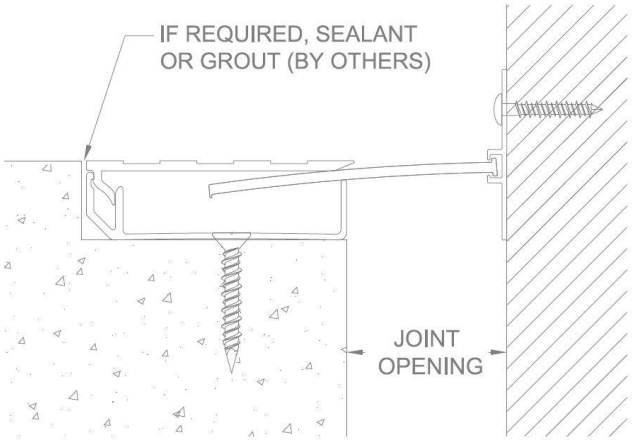


FIGURE #9