



HDNB

Heavy Duty Floor EJC

IMPORTANT

The following instructions are very important.

Read them carefully, and be sure you understand them completely before you begin any work.

Store this product in the horizontal position in a clean, dry location. This is a finished product. Store this product in a protected area. Do not stack anything on top of this product.

Review approved Balco shop drawings for types and locations prior to beginning work.

RECOMMENDED TOOLS

TAPE MEASURE / CHOP SAW / DRILL / DRILL BITS FOR CONCRETE / SCREWDRIVERS AND SOCKET DRIVERS / GROUT / TROWEL

STEP ONE

If fire barrier is provided in conjunction with the joint cover system, install the fire barrier at this time.

Install the fire barrier in accordance with the applicable fire barrier installation instructions and Balco shop drawings or details.

STEP TWO

If water barrier is to be installed in conjunction with the joint cover system, place the water barrier in its installed position in the joint at this time.

Reference Balco supplementary installation instruction “EPDM Water Barrier Installation Instructions” for information regarding EPDM installation, splicing, and transitions.

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STEP THREE

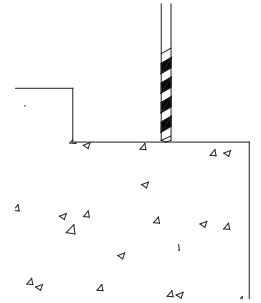
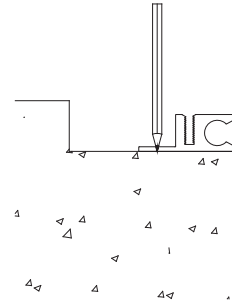
Select a supporting base member and place it in its installed position within the blockout.

Using the base member as a template, mark the locations for the anchors on the concrete.

Remove the base member and drill the anchor holes at the marked locations. Remove all dirt and debris from the anchor holes and blockouts.

IMPORTANT

Observe normal safety precautions when drilling to avoid all utilities and rebar.



STEP FOUR

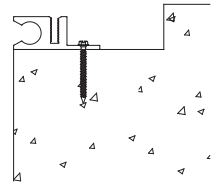
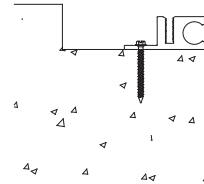
Place the supporting base member into its installed position, and using the fasteners provided by the factory, attach it to the concrete.

Ensure it is plumb, level, and properly aligned.

Repeat **Steps Three and Four** until all base members are installed on both sides of the joint.

IMPORTANT

Because these joint covers are installed in non-climate controlled environments, it is necessary to leave a gap between adjacent joint cover sections and between joint covers and adjacent construction. A gap of 1/16" is required for every 40°F (22°C) of anticipated temperature rise from the ambient temperature at installation.



STEP FIVE

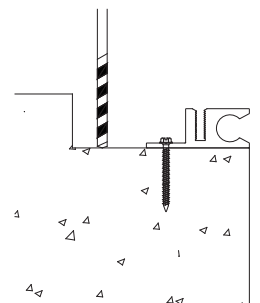
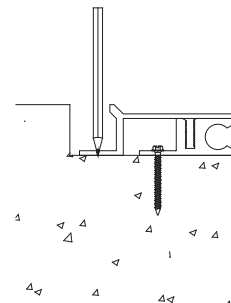
Select a base member and place it in its installed position within the blockout.

Using the base member as a template, mark the locations for the anchors on the concrete.

Remove the base member and drill the anchor holes at the marked locations. Remove all dirt and debris from the anchor holes and blockouts.

IMPORTANT

Observe normal safety precautions when drilling to avoid all utilities and rebar.



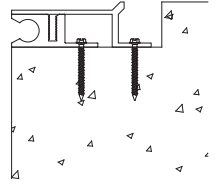
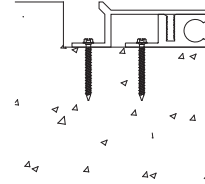
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STEP SIX

Place the base member into its installed position, and using the fasteners provided by the factory, attach it to the concrete.

Ensure it is plumb, level, and properly aligned.

Repeat **Steps Five and Six** until all base members are installed on both sides of the joint.

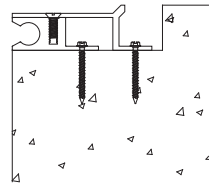
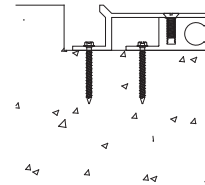


IMPORTANT

Because these joint covers are installed in non-climate controlled environments, it is necessary to leave a gap between adjacent joint cover sections and between joint covers and adjacent construction. A gap of 1/16" is required for every 40°F (22°C) of anticipated temperature rise from the ambient temperature at installation.

STEP SEVEN

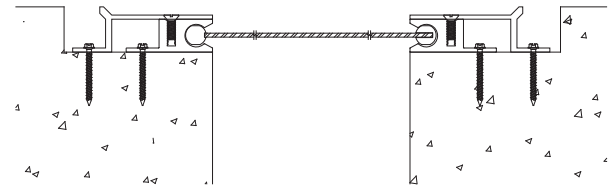
Secure the base members together with the supplied fasteners.



STEP EIGHT

Select a centering bar, and insert one of its polymer spheres into the track of one of the base members.

Insert the other sphere into the opposite base member's track. Repeat this procedure for each centering bar. Ensure that the centering bars are installed at a diagonal and are parallel to one another.



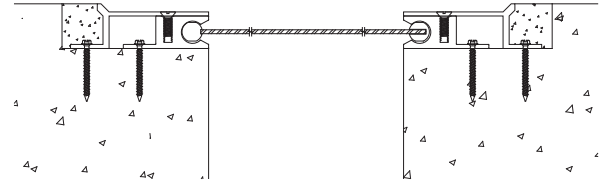
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STEP NINE

Apply grout (by others) into the channel formed by the base member and blockout.

IMPORTANT

Install the grout in accordance with the materials manufacturer's written instructions using tools and techniques recommended by the manufacturer. Allow the materials to completely dry per manufacturer's written instructions before proceeding.



STEP TEN

Select a cover plate and place it along the side of the joint, aligning the cover plate with its installed position.

Using the cover plate as a template, slide the centering bars within the base member tracks so that the anchor hole in each centering bar is aligned with one of the anchor holes in the cover plate.

Place the cover plate into its installed position spanning the joint, and attach the cover plate to the centering bars using the centering bar bolts provided by the factory.

Tighten the centering bar bolts by hand until they are firmly in place. Do not overtighten the centering bar bolts.

Repeat this process until all cover plates are installed.

