



ESA150 Series Expansion Joint Cover – Installation Instructions

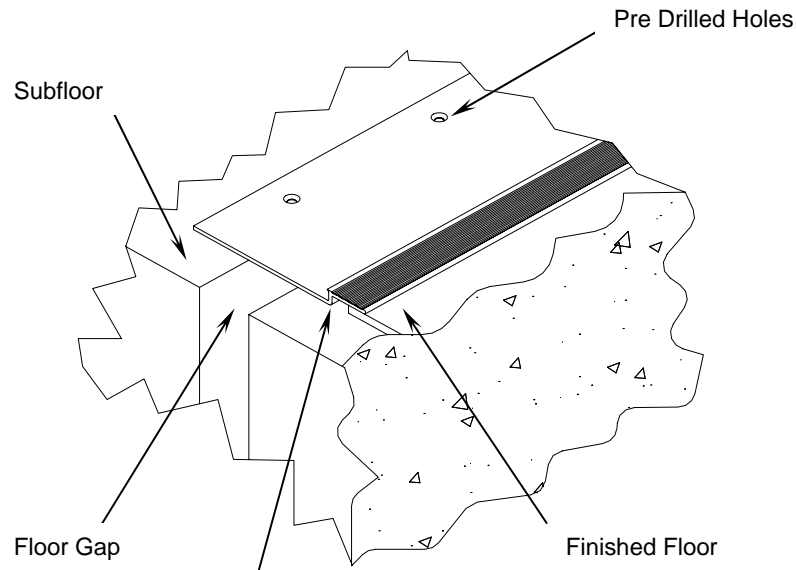


DIAGRAM 1

REQUIRED:
INSTALL WITH OPEN SPACE TO
ALLOW FOR FLOOR MOVEMENT

EMS Supplies These Items Along with Expansion Joint Covers:

1. Sleeve anchors, 1/4
2. Fire barrier if required

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
5. 1/4" masonry bit
6. Flash patch and utensils

Installation Instructions

1. Ensure 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 1/4" from floor gap wall.
3. 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).