

CSIS-Series INSTALLATION INSTRUCTIONS

Material Application

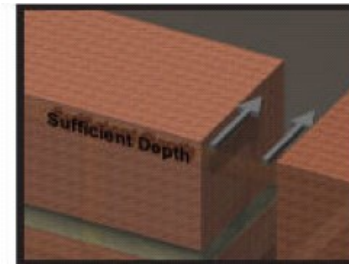
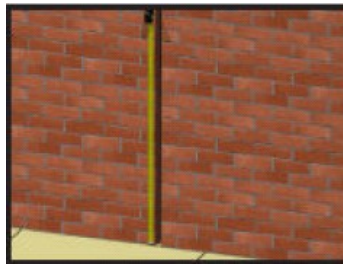
For use in vertical joints.

Recommended Tools

- Tape Measure
- Sharp Knife
- Miter Saw
- Duct Tape
- Clean Cloth
- Isopropyl Alcohol
- Caulking Tool
- Mineral Spirits

Material Sizing

1. Joints must be sized every 5-7 feet (1.524-2.137 meters) to ensure gap opening is uniform and depth is sufficient for the supplied material.



NOTE: Allow sufficient depth for the material to be recessed 1/8"–1/4" in the joint.

Material Preparation

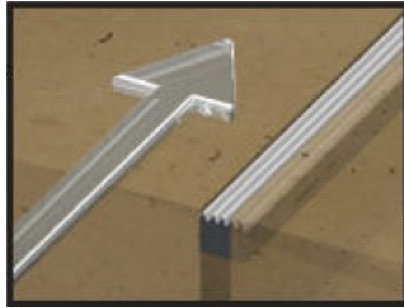
1. Store materials in a dry, enclosed area. Make sure materials are off the ground.
2. Use a sharp knife to cut the material square. All starting and ending pieces must be square to the termination point.

Joint Preparation

1. Verify that the joint is clean, sound, and will provide an appropriate surface for installation of the joint sealant.
 - a. Use compressed air to clean any loose debris from the joint.
 - b. Apply water or alcohol to a clean cloth and wipe the joint walls to the depth of the sealant materials plus 1".
2. Verify that the joint is uniform and repair any spalls prior to installation.
3. Apply duct tape to both edges of the substrate face to prevent the epoxy from contacting the deck surface.
4. Check the material for appropriate length, width, and depth.
 - a. Supplied material should be larger than the intended joint opening.
 - b. Joint depth must allow for the material to be recessed 1/4" from the substrate surface.

Sealant Installation

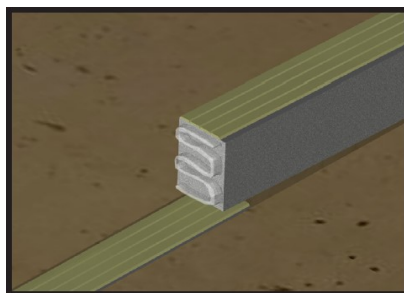
1. Begin installation at one end of the joint and work to the opposite end using butt seams.



2. When fully prepared to install, compress the foam backer block by hand and insert into the expansion joint opening
3. Recess the highest point of the silicone strip 1/4" below the surface.
4. Position and center the factory preformed silicone strip creating equal reveals on each side.
5. Apply silicone sealant in the reveals on each side of the factory preformed silicone strip with manufacturer's silicone. Tool immediately to insure firm contact and secure bond.

Seams

1. Verify that the new piece of material is cut square and not at an angle to the previous installed piece.
2. Overlap extra material (approximately 1/2" – 1") at seams and splices to ensure that the seam is in compression after installation.



3. Apply silicone to the butt end of the new piece of material
4. Butt seam all 'T' and '+' intersections.
5. Tool the silicone over all seams and transitions using a small caulking tool.

Finish

1. Evenly spread the silicone on exposed seams to allow for a clean, aesthetic finish. Verify that the silicone adhesive matches the color on the face of the joint sealant material.
2. Remove any excess silicone left on the surface of the material or substrate.
3. Remove the duct tape from the joint surface.