

# Installation Instructions

## Joint System: 1250

### Recommended Tools

Tape Measure, Sharp Knife, Miter Saw, Blue Painters Tape, Mineral Spirits, Clean Cloth, Blunt Putty Knife, Caulking Gun, Caulking Trowel

### Material Sizing

Measure joints every 5-7 feet to ensure the opening is correct for the supplied material. Recess the material  $1/8"$ - $1/4"$  in the joint.

### Material Preparation

Store the material at a minimum of 68°F for at least 24 hours before the installation, regardless of the temperature at the installation site.

Store the materials in a dry enclosed area. Keep material off the ground and out of direct sunlight.

Cut the material square using a sharp knife. All starting and ending pieces must be square to the terminating point. Mineral spirits on the blade will provide a smoother cut.

### Joint Preparation

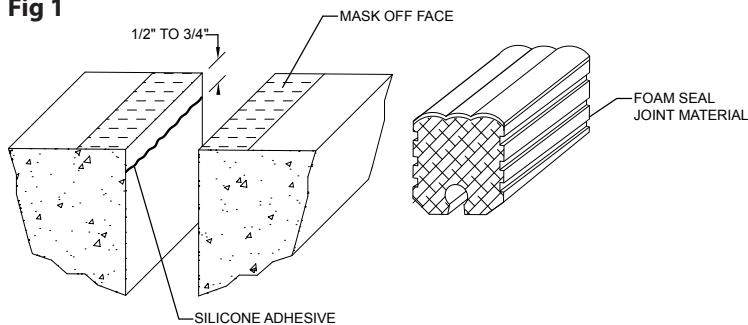
Verify the joint is clean and sound and is an appropriate surface for installation of the joint sealant. Use compressed air to clear any loose debris from the joint. Apply water or alcohol to a clean cloth and wipe the joint walls to the depth of 1" below the sealant material.

Verify that the joint is uniform. Repair any spalls prior to installation.

Apply blue painters tape to the joint face edges to prevent silicone from contacting the deck surface.

Check the material for length, width and depth. Joint depth must allow for the installed material to be recessed  $1/8"$ - $1/4"$  from the joint face.

Fig 1



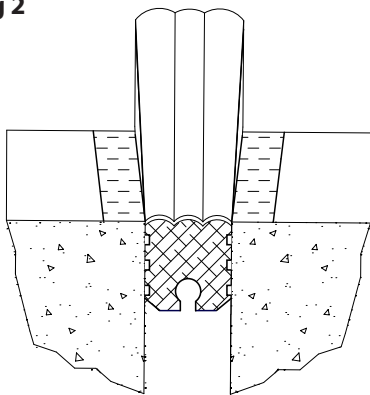
### Sealant Installation - See Fig. 1

For horizontal joints, begin installing the material on one end of the joint and work to the opposite end. For vertical joints, start at the bottom and work up.

Apply a  $1/4"$  bead of silicone adhesive (supplied by others) along both sides of the substrate wall. Hold the adhesive  $1/2"$ - $3/4"$  back from the surface of the joint substrate. The silicone will also act as a lubricant during installation.

**NOTE:** When a continuous joint cannot be finished, the silicone on the substrate should stop at the last stick installed and silicone should not be applied to the end of the installed material until the next piece of material is ready to be installed.

Fig 2



For joints Greater than 10". Use epoxy instead of the silicone for adhesion to the joint substrate. Additionally, run two beads of silicone along both joint walls, one near the surface and the other 2" deeper. This will provide greater bond strength required for wider joints. Follow normal procedures for the rest of the installation.

**WARNING:** Do not allow the silicone to dry before installing the seal.

Verify that the material is cut square at both ends for proper seams. All pieces must be square at termination point. Begin installing the material by inserting one side of the seal approximately 1" into the joint. **See Fig. 2**

**NOTE:** Do not excessively push or pull the material, as this will stretch the material resulting in possible damage.

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Fig 3

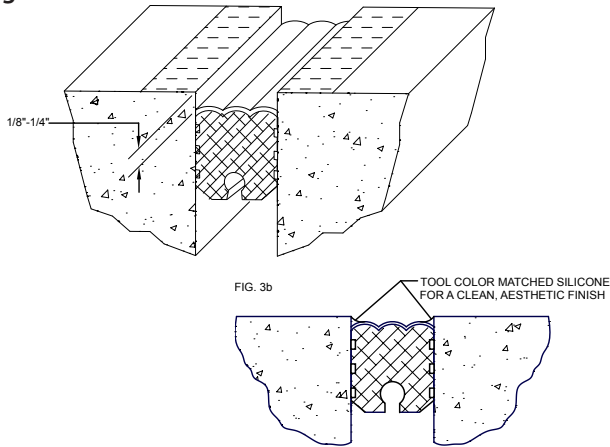


Fig 4

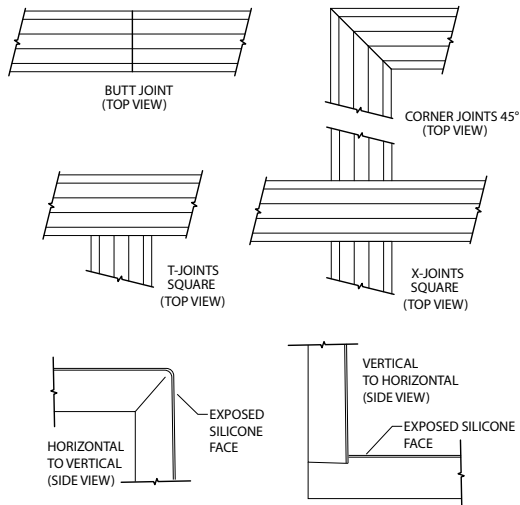
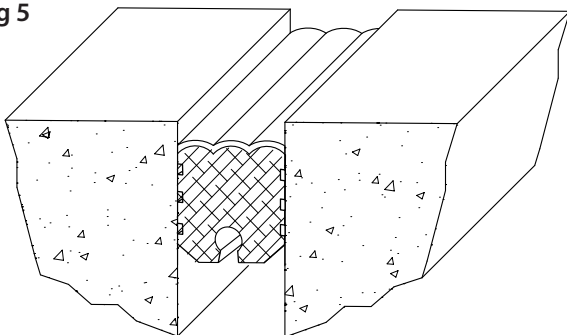


Fig 5



Use a blunt putty knife or your hand to compress the opposite side of the material and slide it into the joint.

**WARNING:** Use of sharp tools could cause damage to the joint sealant material. Be careful not to tear the material in the process of compressing it into the joint.

Continue to compress and work the material into the joint until the sides are approximately  $1/8$ "- $1/4$ " back from the joint surface. See Fig. 3a. The Silicone coating should be flush with, not protruding above, the substrate surface. See Fig. 3b.

**Seams-See Fig. 4**

**NOTE:** Add approximately  $1/2$ " - 1" extra material at seams and splices to ensure that the seam is in compression after installation.

Verify that the new piece of material is cut square and not at an angle to the previous material installed.

Apply silicone to the butt end of the new piece of material as well as a  $1/4$ " bead on both joint walls, inset  $1/2$ " -  $3/4$ " as described in the sealant Installation section.

T and + Intersections. Install horizontal material first. Butt the vertical material up to the horizontal material following Figs 1-3.

Horizontal To Vertical Intersections. Begin the installation at the horizontal condition. At the point of transition cut a V-notch in the back of the foam seal, making sure not to cut through the face of the seal. Fold foam seal downward, and continue installation.

Vertical to Horizontal Intersections. Starting at one end, cut the silicone face of the horizontal foam seal to create a matching notch for the vertical seal to seat in. Install horizontal seal, then continues installing vertical seal.

**NOTE:** After installation, if there are any mitered joints with a hole or void, use the supplied silicone to fill and seal the joint.

**Finish-See Fig. 5**

Use the supplied color matched silicone to run a bead along each edge of the joint to fill any irregularities in the substrate. Evenly spread the silicone on exposed seams to allow for a clean, aesthetic finish. Remove any excess silicone left on the surface of the material or substrate. DO NOT allow the silicone to cure before removal.

**Tip:** To ensure an aesthetic finish, confirm that the silicone adhesive matches the face of the joint sealant material.

**NOTE:** Seal does not rely on the external fillet bead to provide a watertight seal.

Remove any excess silicone left on the surface of the material or substrate. DO NOT allow the silicone to cure before removal. Remove the blue tape from the joint surface.

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