



## SEISMIC COLORSEAL™

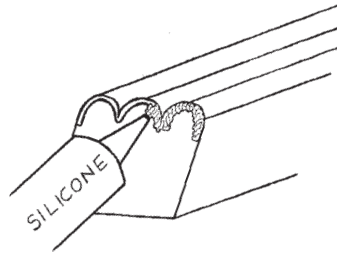
DO NOT INSTALL THIS MATERIAL UNTIL ALL MEMBERS OF YOUR CREW HAVE READ AND UNDERSTAND THESE INSTRUCTIONS. IF YOU DO NOT UNDERSTAND ANY PART OF THESE INSTRUCTIONS CALL EMSEAL AT 1-800-526-8365

# INSTALL DATA

<p><b>1 Installation Equipment &amp; Material Storage</b></p> <ul style="list-style-type: none"> <li>• In addition to general specialty-concrete-preparation tools such as diamond saws, grinders, wire brushes, utility knives, etc., the following are required:</li> <li>• Tape measure</li> <li>• Serrated edge knives (8-inch / 200 mm or longer)</li> <li>• Caulking gun and caulk knives</li> <li>• Spray bottle filled with water</li> <li>• Acetone, lint-free rags, &amp; clean paint buckets</li> </ul> <p><b>Cold Days:</b> Store sealant, off the floor, inside at above 68° 20°C). It will recover slower when cold and faster when warm.</p> <p><b>Very Hot Days:</b> Keep sealant out of direct sun when temperatures greater than 60°F (15°C) until immediately prior to installation into joint.</p>	<p><b>2 Pre-Installation</b></p> <ul style="list-style-type: none"> <li>• Ensure joint faces are parallel and have sufficient depth to receive the full depth of the size(s) of COLORSEAL being installed <u>plus</u> at least 1/4-inch (6mm) for the application of corner beads.</li> <li>• Repair spalled, irregular or unsound joint surfaces using accepted industry practices for repair of the substrates in question. Remove protruding roughness to ensure joint sides are smooth.</li> <li>• Remove all residues of old sealants. Wire-brush or angle-grind, if necessary, to clean sides.</li> <li>• Wipe joint faces with lint-free rags dipped in solvent or other agent suitable for use on the substrates in question to ensure joint sides are free of dust, previous sealant, oils, grease, etc.</li> <li>• Ensure joint sides are dry of solvent or cleaning agent prior to installation.</li> </ul>
<p><b>3 Find and Open Correct Package</b></p> <p>Material has been supplied to your mean-temperature field-measurement of joint widths. 1 1/2" widths and wider are manufactured as straight sticks. Under 1 1/2" widths are supplied on reels. Joint widths for material supplied are marked on the packaging.</p> <ul style="list-style-type: none"> <li>• Find correct package and open it.</li> <li>• Compare material width marked on each package against joint width.</li> <li>• Actual material width measured between hardboard will be slightly less than indicated joint width. If unsure of correct material selection, consult EMSEAL.</li> </ul>	<p><b>4 Do not remove outer plastic packing until you read and understand the rest of these instructions.</b></p> <p><b>A. Proper performance of expansion seals necessitate proper installation from beginning through completion.</b></p> <p><b>B. Improper handling will cause product to expand prematurely.</b></p>
<p><b>5 Open Plastic Packaging</b></p> <ul style="list-style-type: none"> <li>• Sticks are held under compression by hardboard and plastic wrapping. When ready to install, slit the plastic wrapping by <u>cutting on the hardboard</u>, discard hardboard and inner release liner.</li> <li>• In either stick or reel: <b>DO NOT CUT ALONG SILICONE-COATING FACE -- YOU MAY CUT THROUGH IT</b></li> </ul>	<p><b>6 Wipe Release Agent off Silicone Facing</b></p> <ul style="list-style-type: none"> <li>• For packaging and production reasons, the silicone facing is coated in the factory with a release agent.</li> <li>• Prior to installation, this agent must be wiped off using a solvent in order for the fillet beads described in Step 10 to adhere to the silicone facing and to avoid contamination of the substrate at this point.</li> <li>• Lightly, quickly and thoroughly wipe the cured silicone facing with a lint-free rag made damp with acetone or other solvent to remove the release agent.</li> </ul>

## 7 Apply Sealant to Edge of Silicone Facing

- Apply thin bead of sealant to the end of the silicone facing only. Use correct grade and color of sealant as supplied.

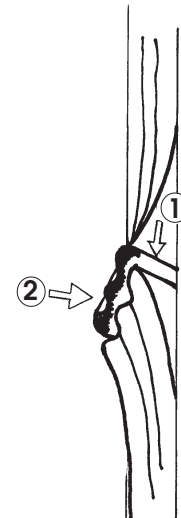


## 8 Remove Adhesive-Release Paper\* & Install Into Joint

- \* (On sticks only) Peel off release paper to expose mounting adhesive on one face of material.
- 'Feed' material into joint, working sequentially in one direction starting at the bottom of the joint.
- Always push material--DO NOT PULL IT--to prevent stretching (Start at bottom of wall and work up).
- Recess 3/8" (9mm) from wall surface.
- Use a stiff-bladed putty knife to press the adhesive side of the material firmly against the substrate so that it will hold in place while it expands.
- **TIP:** If material binds, lightly spray the putty knife and/or self-adhesive with water from the spray bottle to help it slide into joint-gap.
- If necessary use small--approx. 3-inch (75mm)--pieces of used hardboard packing as wedges to hold sections in place while they expand.
- For changes in direction and plane see Step 11.

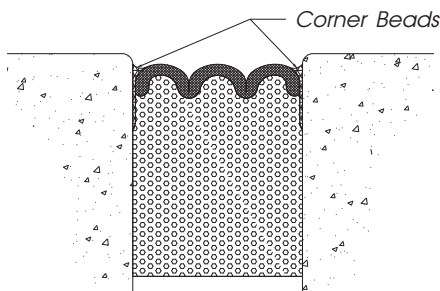
## 9 Joining Successive Lengths

- Insert first piece of material as described in Step 8 but leave end protruding up and out of joint.
- Place end of next section against end of first piece (1).
- Leaving joint just made protruding from joint, insert the rest of this section of material into joint.
- Finally push protruding joint section into joint (2).
- Blend silicone bead applied in Step 7 to silicone facing.



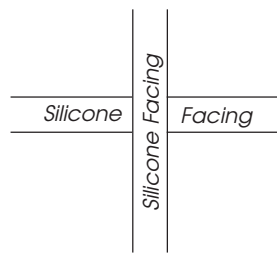
## 10 Install Corner Beads

- Corner Beads are required with SEISMIC COLORSEAL™
- Wait until material is expanded fully against both sides of the joint.
- Ensure that material and joint sides are dry if water spray was used to facilitate installation.
- Gun a caulking bead where the sealant facing meets the substrate.
- Tool the corner bead firmly against the substrate and silicone facing.

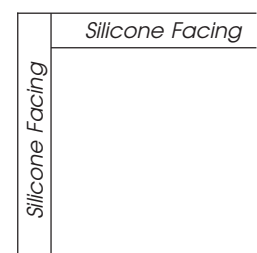


Section - Final Installed Detail  
(Corner Beads Shown)

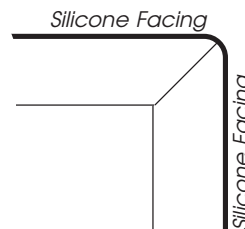
## 11 Direction Changes



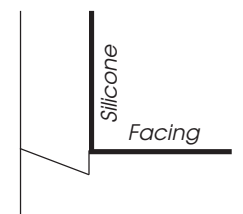
Cross Transition (Elevation)



Corner Transition (Elevation)



Outside Corner Transition (Section)



Inside Corner Transition (Section)

**For factory-fabricated transitions see Universal-90's**