



BUILDING TRUST



INSTALL DATA SHEET

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 SIKA EMSEAL at 1-800-526-8365

Installation Equipment & Material Storage

In addition to general specialty-concrete-preparation tools such as diamond saws, grinders, wire brushes, utility knives, etc., the following are required:

- Tape measure
- Serrated edge knives (8-inch / 200 mm or longer)
- Caulking gun and caulk knives
- Spray bottle filled with water
- Acetone, lint-free rags, & clean paint buckets

Cold Days – Store sealant, off the floor, inside at above 68°F (20°C). It will recover slower when cold and faster when warm.

Very Hot Days – Keep sealant out of direct sun when temperatures greater than 60°F (15°C) until immediately prior to installation into joint.

Storage – The application of heat can accelerate expansion rate of material that has been stored an extended amount of time.

[Consult Sika Emseal](#)

Pre-Installation

- Ensure joint faces are parallel and have sufficient depth to receive the full depth of the size(s) of Colorseal being installed plus at least 1/4-inch (6mm) for the application of corner beads.
- 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.
- Remove all residues of old sealants. Wire-brush or angle-grind, if necessary, to clean sides.
- 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.
- Ensure joint sides are dry of solvent or cleaning agent prior to installation.

DO NOT REMOVE OUTER PACKING UNTIL YOU READ THESE INSTRUCTIONS

- Proper performance of expansion seals necessitate proper installation from beginning through completion.
- Improper handling will cause product to expand prematurely.

1. Locate & Organize Material

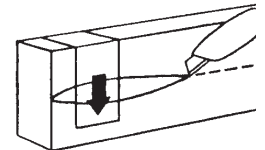
Material has been supplied to your mean-temperature field measurement of joint widths. 1 1/2" widths and wider are manufactured as straight sticks. Under 1 1/2" widths are supplied on reels. Joint widths for material supplied are marked on the packaging.

- Locate & organize material based on what you plan to install.
- Compare material width marked on each package against joint width.

Actual material width measured between hardboard will be slightly less than indicated joint width. If unsure of correct material selection, [consult Sika Emseal](#).

2. Open Plastic Packaging

- Slit the plastic packing by cutting on the hardboard and remove hardboard and inner release liner. **DO NOT** cut along the sealant bellows.



IMPORTANT: Work quickly and deliberately after cutting the shrink-wrap to avoid material expanding beyond a usable size.

3. Wipe Release Agent Off Sealant Facing

- For packaging and production reasons, the sealant facing is coated in the factory with a release agent.
- Prior to installation, this agent must be wiped off using a lint-free rag dipped in water in order for the corner beads described in Step 7 to adhere to the sealant facing and to avoid contamination of the substrate at this point.
- Lightly, quickly and thoroughly wipe the cured sealant facing with a lint-free rag made damp with water to remove the release agent.

4. Remove Adhesive Release Paper* and 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 a minimum of 1/4-inch (6mm) 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 8.

5. Apply Sealant to Edge of Sealant Facing

- Apply thin bead of sealant to the end of the sealant facing following the shape of the bellows.
- Use correct grade and color of sealant as supplied.

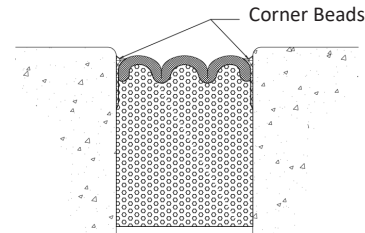
6. Joining Successive Lengths

- Insert first piece of material as described in Step 4 but leave end protruding up and out of joint.
- Place end of next section against end of first piece.
- Leaving joint protruding from joint, insert the rest of this section of material into joint.
- Finally push protruding joint sections down and together.
- Blend sealant facing.



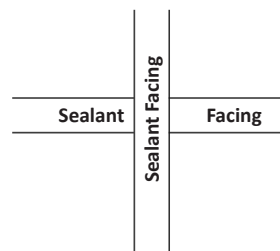
7. Install Corner Beads

- 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 bead of sealant where the precured sealant facing meets the substrate.
- Tool the corner bead firmly against the substrate and sealant facing.

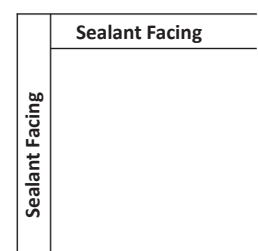


Section – Final Installed Detail
(Corner Beads Shown)

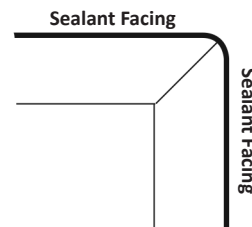
8. Direction Changes



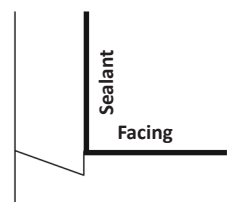
Cross Transition (Elevation)



Corner Transition (Elevation)



Outside Corner Transition
(Section)



Inside Corner Transition
(Section)

For factory-fabricated transitions see [Universal-90's](#)

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Install Data Sheet
Sika Emseal Seismic Colorseal
August 2023 Version SE-3.1



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