



4225 W. Ogden Ave. • Chicago, IL 60623 • Phone: (773) 522-1900

SEISMIC COLORSEAL

Product Description

- SEISMIC COLORSEAL is Emseal's COLORSEAL product with reduced compression in the polymer modified, acrylic impregnated, open cell polyurethane expanding foam backing, a field-applied corner-bead, and the Dow 790 silicone "bellows" acting as the sealing element.
- It is capable of lateral movements up to $\pm 50\%$ (total 100%) of mean temperature joint size and provides an economical watertight silicone seal.
- SEISMIC COLORSEAL is supplied precompressed to slightly less than its nominal size for ease of installation, with a self-adhesive on one side. After insertion, it expands to seal the joint.

Uses

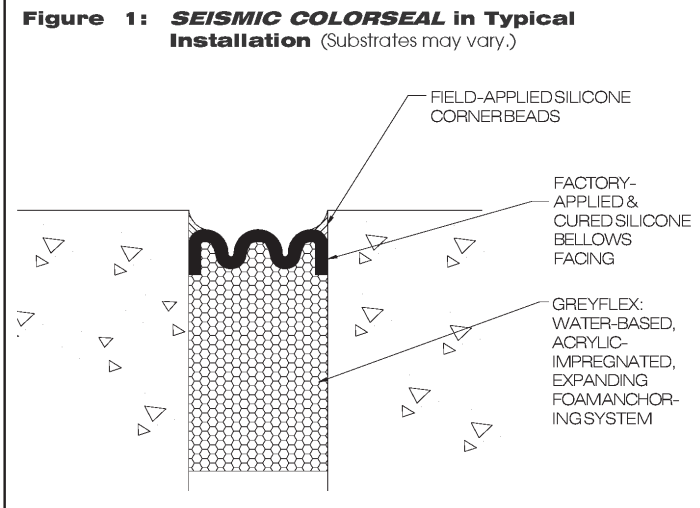
- **Facades:** SEISMIC COLORSEAL can be used in vertical and horizontal joints in building facades of precast concrete, brick, natural stone, metal and most other substrates.
- **Panelized Systems:** SEISMIC COLORSEAL is ideally suited to sealing many panelized cladding systems that rely on "barrier-wall" sealing principles including metal cladding, window-wall systems, skylights, precast panels, etc.
- **Transition from Wall to Deck Joints:** Transitions from vertical to horizontal-plane joints in parapets, walls, split columns, etc.

Advantages

- Features the UV resistance, durability and impermeability of silicone.
- Virtually eliminates tensile stresses at bond line and adverse effects of movement occurring before silicone cures.
- Mechanically anchored by back-pressure inherent in the permanently elastic open-cell foam as well as adhered to the substrate by the pressure-sensitive-adhesive impregnation and the field-applied corner beads.
- Five standard colors, six special colors.
- Supplied precompressed to less than joint size-no field compression required.
- Standard sizes from 3/4" (20mm) to 6" (150mm).

Installation

- Wipe factory-applied release agent off silicone facing using clean, lint-free rag made damp with toluene.
- Apply thin bead of silicone sealant along edge of bellows at end where the material will join the next length.
- Insert material into joint with at least a 1/4" (6mm) recess and adhere to one side. Material expands to contact other side of joint-gap.
- Once material has equalized its expansion across the joint, gun and tool a 1/4" x 1/4" (4mm x 4mm) corner bead at the substrate-to-bellows interface.



SEISMIC COLORSEAL Sizing	
Nominal Material Size (Joint Size @ Mean T°F)	Depth of Seal
3/4"	1 1/4"
1"	1 1/2"
1 1/4"	1 1/2"
1 1/2"	2"
1 3/4"	2"
2"	2 1/2"
2 1/4"	2 1/2"
2 1/2"	2 3/4"
2 3/4"	3 1/8"
3"	3 1/8"
3 1/2"	4"
4"	4 3/8"
4 1/4"	4 3/8"
4 1/2"	4 3/4"
4 3/4"	5"
5"	5"
5 1/4"	5 1/4"
5 1/2"	5 1/2"
5 3/4"	6"
6"	6"

COLORS

STANDARD

Precast White, Black, Gray, Natural Stone, Bronze

SPECIAL

Sandstone, Adobe Tan, Dusty Rose, Rustic Brick, Blue Spruce, Charcoal

NOTE: All colors available in 6.56' sticks

WATERPROOFING