

### Description

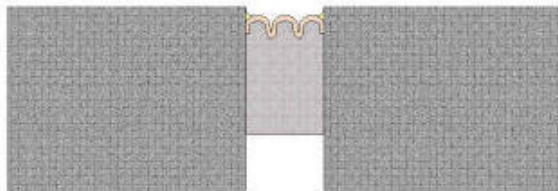
The Seismic Color Contour Seal is made of preformed compressible material, which can be used in a variety of waterproofing applications. It is made of polyurethane foam that has constant internal forces built into each cell. These cells continuously push against each other and the sidewalls of an opening. Consequently, this force is used to keep out water, moisture, dust, sound, and weather. The product is designed to provide a permanent, watertight seal.

The self-adhering material allows for its use in several different applications. In areas where seismic activity is a consideration, the Contour Seismic Seal (CSS) will respond to multiple, simultaneous movements. The texture of the closed cell material resembles sponge-packing foam. The top surface of the profile has a tough, silicone-exposed face to match the color of adjoining structures.

Typically used in vertical applications, non-pedestrian horizontal applications, along with difficult-to-reach, pre-cast panels, isolation joints, window frame closures, and any other opening which requires resilient, waterproof closure and must be aesthetically pleasing.

### Features and Benefits

- Permanently conforms to varying joint contours
- Excellent compression recovery due to seismic activity
- No thermal-set; material remains resilient and flexible down to -40° F temperatures.
- Provides a watertight barrier against the elements and noise
- Ease of installation - Simply clean surface, peel off the protective tape and press into place.
- EMS provides a ten-year warranty for the material, allowing for replacement of the material if product failure should occur.
- Double the protection: EMS's **COLORABLE** Contour Seismic Seal has twice the movement capabilities of the standard Contour Seal (CS) system. When this seal is installed into an opening at mid-range temperature, it has the movement capability of +/- 50%. This gives the CSS color seal a total movement capability of 100%.



### Physical Properties

Properties	Result
Density	10 lb./cu. ft. (160 kg/m3)
Thermal Conductivity	0.05 W/m. °C
Thermal Resistance	ASTM C 518, 3/3, hr-°F-ft2/Btu
Temperature Range	-40° F to 180° F
Bleeding	None @ 212° F under 20% comp.
Tensile Strength	ASTM 3574, meets 21 psi min.
Ultimate Elongation	ASTM 3574, 125% +/- 20%
Compression Set	ASTM 3574, Max. 2.5%
Shear Strength	Min. 8N/cm2
Mildew Resistant	Excellent
UV Resistant	Excellent
Staining	None -40° to 180° F

