

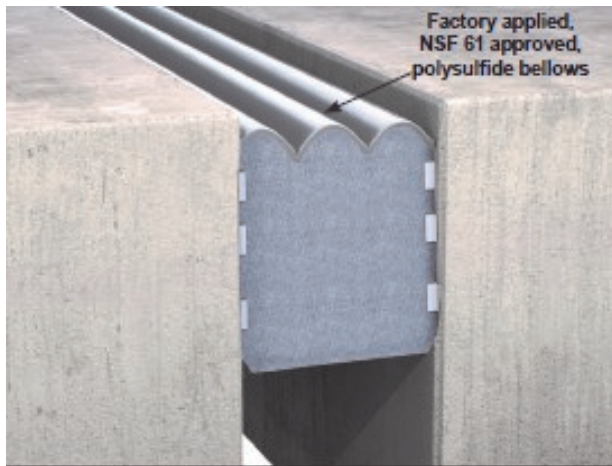
CSCR-Series (Chemical Resistant)

Description

The Contour Seal Chemical Resistant (CSCR) is composed of a durable, closed cell ethylene vinyl acetate (EVA) foam with factory applied NSF 61, Sec. 6 approved polysulfide coating. The system has been developed to perform under extreme conditions such as those found in vertical and horizontal applications including DOT, water treatment and parking structure type expansion joints.

The CSCR provides a watertight, dustproof, airtight, UV stable, chemically resistant, soundproof, and insulated primary seal. It is a preformed, compressible system that is impermeable to water and when bonded in place provides a watertight seal. Once the material is installed in the joint, the material adapts to the width of the joint and the irregularities of the substrate provided such profile changes are not sudden or extreme.

The material is permanently resilient. It will expand and contract with the movement of the joint under any weather condition.



Physical Properties

Tensile Elongation	ASTM D3575, 250%
Tensile Strength	ASTM D3575, 120 psi
Tear Resistance	ASTM D624, 21.5 lbs/in
Density	ASTM D3575, 2-3 lb/cu. ft.
Water absorption	ASTM D3575, <.02 lbs/sqft

Features and Benefits

- Can accommodate rapid rates of joint movement
- Made from a monolithic piece of foam that will not delaminate like multi-layer products
- Consistent depth of product
- Allows for up to 50% ($\pm 25\%$) movement
- Can be permanently bonded to the joint substrate
- Not based on asphaltic or bitumastic impregnation
- Environmentally safe; no ChloroFluroCarbons (CFCs)
- Sizes available in 1/4" increments
- Standard Color: Gray
- **LEED Credits** - Up to two (2) LEED credits depending on the location of the project.

Not Intended For:

- Joints greater than 5' head pressure (2.16 psi)
- Joints in contact with harsh chemicals
- Joints in roofing applications
- Joints requiring pick resistance
- Cross joints in copings and projecting stone work

PRODUCT	DEPTH OF SEAL IN (MM)	MIN. WIDTH IN (MM)	MID-RANGE IN (MM)	MAX. WIDTH IN (MM)	TOTAL MOVEMENT IN (MM)
CSCR-050	1.00" (25.4)	0.38" (9.7)	0.50" (12.7)	0.63" (12.7)	0.25" (6.4)
CSCR-100	1.50" (38.1)	0.75" (19.1)	1.00" (25.4)	1.25" (31.8)	0.50" (12.7)
CSCR-150	2.00" (50.8)	1.13" (28.7)	1.50" (38.1)	1.88" (47.8)	0.75" (19.1)
CSCR-200	2.00" (50.8)	1.50" (38.1)	2.00" (50.8)	2.50" (63.5)	1.00" (25.4)
CSCR-250	2.00" (50.8)	1.88" (47.8)	2.50" (63.5)	3.13" (79.5)	1.25" (31.8)
CSCR-300	2.00" (50.8)	2.25" (57.2)	3.00" (76.2)	3.75" (95.3)	1.50" (38.1)
CSCR-350	2.00" (50.8)	2.63" (66.8)	3.50" (88.9)	4.38" (111.3)	1.75" (44.5)
CSCR-400	3.00" (76.2)	3.00" (76.2)	4.00" (101.6)	5.00" (127.0)	2.00" (50.8)
CSCR-500	3.00" (76.2)	3.75" (95.3)	5.00" (127.0)	6.25" (158.8)	2.50" (63.5)
CSCR-600	3.00" (76.2)	4.50" (114.3)	6.00" (152.4)	7.50" (190.5)	3.00" (76.2)
CSCR-700	3.00" (76.2)	5.25" (133.4)	7.00" (177.8)	8.75" (222.3)	3.50" (88.9)
CSCR-800	3.00" (76.2)	6.00" (152.4)	8.00" (203.2)	10.00" (254.0)	4.00" (101.6)