

CSPR-Series (Pick Resistant)

Foam Seal Systems

Description

The Contour Seal Pick Resistant (CSPR) is a premium quality joint sealant composed of an open micro-cell polyurethane foam impregnated with a hydrophobic polymer sealing compound and a factory applied high durometer polyurethane surface.

The seal was developed to perform in areas where a standard silicone faced sealant is vulnerable to vandalism. When properly installed, the seal provides a watertight, dustproof, airtight, UV stable, chemically resistant, soundproof and insulated primary sealer.

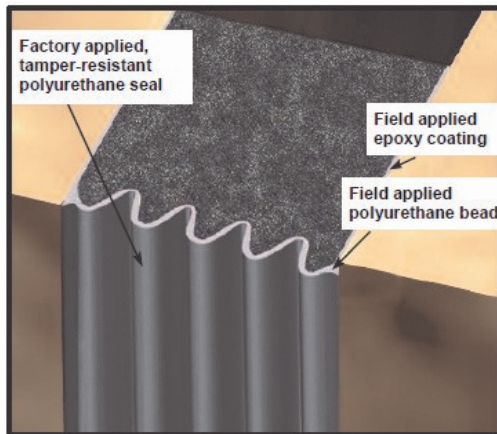
The CSPR material works under its own constant internal pressure to provide a permanent, watertight seal eliminating costly water damage, as well as allowing for a greater degree of joint movement.

Once installed in the joint, the material adapts to the width of the joint and the irregularities of the substrate provided such as profile changes are not sudden or extreme.

Physical Properties

Table 1 – Physical properties of Contour Seal Pick Resistant

Properties	Result
Density	10 lb./cu. ft. (160 kg/m3)
Thermal Conductivity	0.05 W/m. °C
Temperature Stability Range	-40°F (-40°C) to 185°F (85°C)
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 Resistance	Excellent
Staining	None
Flammability	UL 94VO, Meets CAL 117 Self-Extinguishing
Flash Point	590°F (310°C)
Durometer Hardness	ASTM D2240, Shore A 55 +/- 5



Features and Benefits

- Permanently conforms to varying joint contours
- Can accommodate rapid rates of joint movement
- Made from a monolithic piece of foam that will not delaminate like multi-layer products
- Used for joints up to 8” wide
- Allows for up to 100% (+/- 50%) movement
- Not based on asphaltic or bitumastic impregnation
- Environmentally safe: No ChloroFluoroCarbons (CFCs)
- Sizes available in 1/4” increments
- **LEED Credits** - Up to two (2) LEED credits depending on the location of the project.

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

