

Basic Use

Zed Seal CR is an expansion joint sealing system for use in bridges, parking structures, stadiums, wastewater treatment plants and many other commercial structures.

Product Description

Zed Seal CR is a closed-cell, cross-linked, nitrogen-blown polyethylene foam designed to give excellent resilience and high tensile and tear performance. The seal is bonded into place with a high-strength two-component adhesive. This seal is highly UV resistant.

Installation

Please refer to "Zed Seal CR Installation Procedure" technical document.

Packaging

Prefabricated to desired lengths.
39" x 78" sheets - various thicknesses.

Shelf Life

Seal - unlimited
Adhesive - One year in un-opened packages from the date of manufacturer.

Features

- Handles 30% in tension and 60 % in compression
- Intersections and splices are field-welded
- Field installation is fast and simple
- A monolithic waterproof system
- Resistant to weathering, ultraviolet radiation, solvents, chemicals, oxidation, oils, gasoline, salt, and abrasion.
- Temperature range -100°F to 200°F
- Bonds to most substrates
- Grooved sides to improve adhesion
- NYSDOT approved and listed 705.08
- Meets ASTM D1056, Type 2 Class B, Grade 3





Zed Seal CR

Data Sheet

Test Properties	Value	ASTM D3575
Density (Nominal)	1.8 - 2.8 pcf	Suffix W
Compressive Strength @ 25% (@50%)	7.8 - 12.8 (16 - 25)	Suffix D
Elongation (%)	200 ± 15	Suffix T
Tensile Strength (PSI)	60 minimum	Suffix T
Tear Strength (PLI)	17 ± 3	Suffix G
Water Absorption (%)	< 0.03 lb/ft ² 3% Vol/Vol Max	Suffix L
Compression Set %	9 @ 24 Hr Rcvy ± 3 (15 @ 2 Hr Rcvy ± 3)	Suffix B
Extrusion with 3 Sides Restrained	< 0.25 @ 50% Compression	ASTM D545

Model	Joint Opening @ 68°F (20°C)	Recommended Zed Seal Dimensions (Width x Depth)	Maximum Closure	Maximum Opening	Total Movement
ZSCR-100	1.00" (25.4mm)	1.38" x 2.00" (35mm x 50.8mm)	0.50" (12.7mm)	1.80" (45.7mm)	1.30" (33.0mm)
ZSCR-125	1.25" (31.8mm)	1.68" x 2.00" (41.4mm x 50.8mm)	0.60" (15.2mm)	2.10" (53.3mm)	1.50" (38.1mm)
ZSCR-150	1.50" (38.1mm)	2.00" x 2.00" (50.8mm x 50.8mm)	0.80" (20.3mm)	2.60" (66.0mm)	1.80" (45.7mm)
ZSCR-175	1.75" (44.4mm)	2.38" x 2.00" (60.4mm x 50.8mm)	0.90" (22.9mm)	3.10" (78.7mm)	2.20" (55.9mm)
ZSCR-200	2.00" (50.8mm)	2.75" x 2.00" (69.9mm x 50.8mm)	1.10" (27.9mm)	3.60" (91.4mm)	2.50" (63.5mm)
ZSCR-225	2.25" (57.2mm)	3.00" x 2.50" (76.2mm x 63.5mm)	1.20" (30.5mm)	3.90" (99.1mm)	2.70" (68.6mm)
ZSCR-250	2.50" (63.5mm)	3.25" x 2.50" (82.6mm x 63.5mm)	1.30" (33.0mm)	4.20" (106.7mm)	2.90" (73.7mm)
ZSCR-275	2.75" (69.9mm)	3.50" x 2.50" (88.9mm x 63.5mm)	1.40" (35.6mm)	4.50" (114.3mm)	3.15" (80.0mm)
ZSCR-300	3.00" (76.2mm)	4.00" x 3.00" (101.6mm x 76.2mm)	1.60" (40.6mm)	5.20" (132.0mm)	3.60" (91.4mm)
ZSCR-350	3.50" (88.9mm)	4.25" x 3.00" (108mm x 76.2mm)	1.80" (45.7mm)	5.80" (147.3mm)	4.00" (101.6mm)
ZSCR-400	4.00" (101.6mm)	5.00" x 3.50" (127mm x 88.9mm)	2.00" (50.8mm)	6.50" (165.0mm)	4.50" (114.3mm)