



Willamette Valley Company  
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Partnering through service,  
innovation, and integrity

# POLYQuik<sup>®</sup> EJC-100

Expansion Joint Sealant (Type M, Grade P, Class 100/50)

## DESCRIPTION

POLYQuik<sup>®</sup> EJC-100 is a flexible, two-component, rapid-setting, polyurethane-based joint sealant. EJC-100 is an ASTM C920 Type M, Grade P, Class 100/50 expansion joint compound with excellent elongation and cure.

## WHERE TO USE

- Expansion Joints
- Airport Runways
- Highways
- Parking Decks, Bridge Joints, Roofing, Sidewalks

## FEATURES AND BENEFITS

- Rapid Cure - as little as 1 hour return to service
- Highly Elastic - moves with the joint
- Self-Leveling - flows easily, completely fills joint
- Flexible at Freezing Temperatures
- Passes Hockman Class 100/50 Cycling
- 100% Solids, 0 VOC - environmentally friendly
- 1:1 Ratio by Volume - easy application

## PACKAGING

20-oz. (600 mL) Cartridge  
50-oz. (1500 mL) Cartridge  
5-Gallon (19 Liter) Pail  
50-Gallon (190 Liter) Drum

## COLORS

Black  
Gray

## SHELF LIFE

1 year when properly stored.

## STORAGE

Store and ship this product in a clean, dry, low-humidity, shaded or covered environment between 50 and 90°F (10 to 32° C).

## TYPICAL PROPERTIES

	Result	ASTM Method
Solids Content	100%, SCAQMD compliant	D2369
Cyclic Movement Capabilities, Class 100/50	Passes 10 cycles, no loss of adhesion or cohesion	C719, C920 (4.1.5)
Tack-Free Time	1 hour	C679
Concrete Adhesion, primed with POLYQuik <sup>®</sup> PolyPrime	≥25 pli (4.4 N/mm)	C794
Concrete Adhesion, unprimed	15 pli (2.6 N/mm)	C794
FastPatch Adhesion, unprimed	≥20 pli (3.5N/mm)	C794
Hardness	10-20 Shore A	C661
Mix Ratio (by volume)	1:1	-

## APPLICATION INSTRUCTIONS

For instructions on how to handle and apply POLYQuik<sup>®</sup> EJC-100 from cartridges, please refer to [POLYQuik<sup>®</sup> Cartridge Instructions](#).

For instructions on how to apply POLYQuik<sup>®</sup> EJC-100 from bulk containers with WVCO/Pre-Tec meters, training will be provided. If you have specific questions related to your dispensing equipment, please contact your WVCO representative or customer support.

For joint design and installation instructions, please refer to:

[POLYQuik<sup>®</sup> Joint Design and Installation Guidelines](#)

## ESTIMATED COVERAGE

Coverage chart assumes appropriate backer rod placement to provide 1/8 inch (3 mm) recessed sealant fill and 1/2 inch (13mm) sealant depth for the entire joint length.

Joint Width	Linear feet (meter) coverage per 20-oz (600-mL) cartridge	Linear feet (meter) coverage per gallon (3.8-Liter)
0.5 in (13 mm)	10 (3.0)	64 (19.5)
1.0 in (25 mm)	5.5 (1.7)	35 (10.7)
1.5 in (38 mm)	3.75 (1.1)	24 (7.3)
2.0 in (51 mm)	2.9 (0.9)	18.3 (5.6)

## HEALTH AND SAFETY

Before handling, you should become familiar with the Safety Data Sheet (SDS) regarding the risks and safe use of this product. To obtain an SDS, please call 800-333-9826 or send an email to: [msds@wilvaco.com](mailto:msds@wilvaco.com)

### DISCLAIMER OF WARRANTY

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