

Technical Data Sheet



W V C O

The Willamette
ValleyCompany LLC

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Partnering through
service, innovation, and
integrity

POLYQuik® EJC-25

Expansion Joint Sealant (Type M, Grade P, Class 25)

DESCRIPTION

POLYQuik® EJC-25 is a rapid setting, two component, polyurethane based sealant with excellent adhesion and durability. EJC-25 has demonstrated superior long-term performance for joint sealant applications with small to moderate movement requirements.

WHERE TO USE

- Expansion Joints
- Airports, Runways
- Highways
- Parking Decks, Bridge Joints, Sidewalks

FEATURES AND BENEFITS

- **Rapid Cure**— as little as 1 hour return to service
- **Self-Leveling**—flows easily, completely fills joint
- **Flexible at Freezing Temperatures**
- **100% Solids, 0 VOC**—environmentally friendly
- **1:1 Ratio by Volume**—easy application

ASTM C920

Classification (4.):

Type M, Grade P, Class 25, Use T₁, and NT

Not intended for use I (continuous immersion).

Meets the General Requirements (6.) and

Physical Requirements (8.), C719 tested on primed concrete.

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 clean, dry, low-humidity, and shaded or covered environments between 50 and 90°F (10-32°C)

TYPICAL PROPERTIES

	Result	ASTM
Solids Content	100%, SCAQMD compliant	D2369
Cyclic Movement Capabilities, Class 25	Passes 10 cycles with no loss of adhesion or cohesion	C719, C920 (4.1.5)
Tack-Free Time	45 minutes	C679
Concrete Adhesion, Primed with POLYQuik® PolyPrime	≥50 pli (8.8 N/mm)	C794
Concrete Adhesion, Unprimed	10 pli (1.8 N/mm)	C794
FastPatch Adhesion, Unprimed	≥40 pli (7.0 N/mm)	C794
Hardness	45-55 Shore A	C661
Mix Ratio (by Volume)	1:1	-

APPLICATION INSTRUCTIONS

For instructions on how to handle and apply POLYQuik® EJC-25 from cartridges, please refer to [POLYQuik® Cartridge Instructions](#).

For instructions on how to apply POLYQuik® EJC-25 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® 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 (600mL) 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: mstds@wilvaco.com

DISCLAIMER OF WARRANTY

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