



Willamette Valley Company
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www.fastpatchsystems.com
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Partnering through service,
innovation, and integrity

FastPatch Healer-Sealer

Penetrating Sealer and Hairline Crack Repair

DESCRIPTION

FastPatch Healer-Sealer is a low viscosity polyurethane concrete sealer and repair material, designed to minimize closure times. FastPatch Healer-Sealer is designed to meet the SR 500-230 (Oregon DoT) advisement of 70% crack fill in order to prevent water leakage and maximize bridge life.

WHERE TO USE

- Roads/Highways
- Bridges
- Parking Decks

FEATURES AND BENEFITS

- Low Viscosity – Maximized Penetration
- Low odor – No Naphthalene, Mercaptan, or Methyl Methacrylate
- 1:1 Ratio by Volume—easy application
- Excellent Bond Strength
- Minimal Equipment Requirements

PACKAGING

5-Gallon (19-Liter) Pail
50-Gallon (190-Liter) Drum
200-Gallon (757-Liter) Tote

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

	Results	ASTM
Mixed Viscosity at 70°F (21°C)	<100 cPs	D2196
Thin Film Set Time at 70°F (21°C), 40% RH	2 hours	D5895
Pot Life at 70°F (21°C)	5 minutes	--
Concrete Adhesion	1130 psi (7.8 MPa), concrete failure	D4541
Compression Strength, 2 hour ambient cure	12,000 psi (82.7 MPa)	C109
Slant Shear	2,650 psi (18.3 MPa)	C882
Mix Ratio (by Volume)	1:1	--
Approximate Coverage Rate* *Depends on substrate porosity and profile	100 ft ² /gal (2.4 m ² /L)	--

APPLICATION INSTRUCTIONS

Surface Preparation:

1. The concrete should be structurally sound (200 psi/1.4 MPa or greater according to ASTM D7234), clean (ASTM D4258), and dry (less than 5%, (ASTM E1907.)
2. Concrete surfaces must be sound, dry, clean, free of dirt, moisture, loose particles, oil, asphalt, tar, paint, wax, rust, waterproofing and curing/parting compounds, membranes and other foreign matter. Laitance and efflorescence must be removed prior to installation.
3. Clean concrete where necessary by grinding, abrasive blasting or hand tooling.
4. Repair large cracks and spalls before beginning. Contact your WVCO representative for suggested products.

Application:

1. Condition material to approximately 70°F (21C) twenty-four hours before application. Do not apply at temperatures under 40°F (5C)
2. **Batch:** Mix Resin for 30 seconds with paddle mixer.
Meter: Mix Resin for 15 minutes with drum mixer. Use blades 1/3 the diameter of container. Avoid entraining air.
3. **Batch:** Combine with Iso, and mix for 30 seconds.
Meter: Dispense in accordance to meter instructions at a 1:1 volume ratio. Before application to roadway, dispense material into waste container and test for proper mix.
4. Pour material onto concrete.
5. Spread by squeegee, roller, or broom. Allow to penetrate into concrete. Pond over cracks.
6. Remove excess material, leaving no surface film.
7. Porous concrete may require a second application.
8. Immediately broadcast dry sand evenly to refusal.
9. After cure, remove loose sand.

If you have specific questions related to product or dispensing equipment, please contact your WVCO representative or customer support.

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.

DISCLAIMER OF WARRANTY

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