

Technical Data Sheet



Willamette Valley Company

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www.polyquik.com

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Partnering through service,
innovation, and integrity

PolyPrime 350

Fast-setting Primer for Concrete and Steel Substrates

DESCRIPTION

PolyPrime 350 is a 2-component, 100% solids, rapid setting primer for elastomeric coatings. PolyPrime 350 is designed for application with a plural component proportioner or brush/roller. PolyPrime 350 will ensure a strong bond between the substrate and topcoat.

WHERE TO USE

- **Concrete and Steel** – walls and floors
- **Roadways, Parking Decks, Warehouses**
- **With POLYQuik® HPU Spray Coatings**
- **With POLYQuik® Polyurea Spray Coatings**
- **Primer for Various Polyurea, Epoxy, and Urethane Topcoats**

FEATURES AND BENEFITS

- **Rapid Cure**— 20 minute recoat time at 70°F (21°C)
- **Adhesion Promoter** –tight bond to substrate and topcoat
- **1:1 Ratio by Volume**
- **Easy Application** – various application methods
- **Versatile** – combats moist/porous substrates, reduces pinholes, seals concrete surfaces
- **Designed to work with POLYQuik® and FastPatch products**

PACKAGING

20-oz (600 mL) Cartridge
1-gallon (3.8 liter) Jugs
5-gallon (18.9 liter) Pails
50-gallon (189 liter) Drums

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%	D2369
Working Time, cup, 70°F (21°C)	4 minutes, (6 with acetone dilution)	-
Concrete Adhesion	> 500 psi (3.4 MPa)	D7234
Steel Adhesion	> 500 psi (3.4 MPa) 35 lbf/in (3.9 N/m)	D4541 D903
Recoat Time, Concrete Substrate, 90°F (32°C)	10 minutes	-
Recoat Time, Concrete Substrate, 70°F (21°C)	20 minutes	-
Recoat Time, Concrete Substrate, 40°F (21°C)	60 minutes	-
Mix Ratio (by Volume)	1:1	-

APPLICATION INSTRUCTIONS

For instructions on how to handle and apply PolyPrime 350 from cartridges, please refer to [POLYQuik® Cartridge Instructions](#).

For manual application with brush/roller, please refer to: [POLYQuik® Manual Applied Systems Installation Guideline](#).

For applications with air/airless or high pressure plural component spray systems, please refer to: [POLYQuik® Spray Systems Installation Guideline](#).

Contact your WVCO representative for more information or help selecting the best primer for your application. It may be helpful to review [POLYQuik® Primer Installation Guideline](#) for an overview of application options.

PolyPrime 350 can be diluted with acetone for easier brush/roller applications at a 1:1:1 ratio by volume. Please contact your WVCO representative for more details on acetone dilution methods.

ESTIMATED COVERAGE

Note: Estimated coverage is based on 100% transfer efficiency

Packaging	Yield	Coverage Area @ 6 mil WFT, ft ² (m ²)
1-gal pail set	2-gal (7.5 L)	530 (50)
5-gal pail set	10-gal (37.8 L)	2670 (253)
50-gal drum set	100-gal (378 L)	26,700 (2530)

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 MSDS, please call 800-333-9826 or send an email to: msds@wilvaco.com

DISCLAIMER OF WARRANTY

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