

# Technical Data Sheet



Willamette Valley Company  
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832-786-8501

Partnering through service,  
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# POLYQuik® PolyPrime 350

Fast-setting Primer for Concrete and Steel Substrates

## DESCRIPTION

POLYQuik® 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	-

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## APPLICATION INSTRUCTIONS

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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.

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## ESTIMATED COVERAGE

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Note: Estimated coverage is based on 100% transfer efficiency

Packaging	Yield	Coverage Area @ 6 mil WFT, ft <sup>2</sup> (m <sup>2</sup> )
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)

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## HEALTH AND SAFETY

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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](mailto:msds@wilvaco.com)

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