



Willamette Valley Company

[www.wilvaco.com](http://www.wilvaco.com)

800.333.9826

Partnering through service,  
innovation, and integrity

# POLYQuik® P-150

## Polyurea Repair Kit

### DESCRIPTION

POLYQuik® P-150 is a two-component, 100% solids polyurea patch/repair kit. It is packaged in foil pouches and designed to be brush or roller applied to repair various POLYQuik® spray applied elastomeric coatings (POLYQuik® P-480) in the field or other scenarios where spraying is not feasible.

### WHERE TO USE

- POLYQuik® Polyurea coated substrates
- Steel and concrete
- Field repair for pinholes, holidays, other damaged areas

### FEATURES AND BENEFITS

- Rapid Cure - fast return to service
- 100% Solids, no odor, environmentally friendly
- Excellent Adhesion
- Manually Applied – no spray equipment required

### PACKAGING

1-pint (0.5L) kit – convenient foil pouches

### COLORS

Black

### 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
Working Time	5 minutes at 70°F (21°C)	-
Tack Free Time	15 minutes at 70°F (21°C)	-
Solids Content	100%, SCAQMD compliant	D 2369
Hardness	40 Shore D	D 2240
Abrasion Resistance	150 mg/1000 cycles, H-18	D 4060
Adhesion to Steel, primed	≥400 psi (2.8 MPa)	D 4541
Adhesion to Concrete, primed	≥400 psi (2.8 MPa)	D 7234
Adhesion to Polyurea	35 pli (6 N/mm)	D 903
Mix Ratio	1:1 by volume	-
Estimated Kit Coverage Rate	2 ft <sup>2</sup> (0.19 m <sup>2</sup> ) at 100 mil WTF	-
Optimum Recoat Time	≤8 hours	-

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## APPLICATION INSTRUCTIONS

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- 1) Clean substrate by solvent wiping with acetone or denatured alcohol.
- 2) Abrade polyurea by sanding or grinding. Repeat solvent wipe cleaning.
- 3) For concrete, remove all laitance, efflorescence and other imperfections. Repair surface defects with appropriate material and allow to cure per manufacturer's instructions.
- 4) For steel, remove all loose rust, scale and stains by blasting, grinding or brushing.
- 5) Prime when necessary. Follow manufacturer's instructions for use.
- 6) Mix POLYQuik® P-150 components manually for 30 seconds at 1:1 volume ratio. Material has ~5 minutes working time, so mix no more material than can be applied in that window.
- 7) Apply with brush or roller immediately after mixing. Cover the substrate evenly.
- 8) If material becomes stiff during application, stop application and discard unused material. Mix new material to continue.
- 9) Allow at least 1 hour at 70°F (21°C) for cure. Cold temperatures require longer cure times. Full properties require at least 24 hours to develop.

For primer application please refer to:

[POLYQuik® Primers Installation Guideline](#)

-Recommended POLYQuik® P-150 application thickness is 40-100 mil per coat.

-Optimum recoat time is ≤8 hours at 70°F.

-Estimated Quart Kit coverage rate is 2 ft<sup>2</sup> (0.19 m<sup>2</sup>) at 100 mil WFT.

-Maximum recommended contiguous repair area is 2 ft<sup>2</sup>.

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

#### DISCLAIMER OF WARRANTY

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