



The Willamette Valley  
Company LLC  
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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	-

## APPLICATION INSTRUCTIONS

- 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

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: [sds@wilvaco.com](mailto:sds@wilvaco.com).



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