



Advanced Polymer Technology

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# Laykold®

## Poly Primer (Qualipur 152)

### 1. General Description

Laykold Poly Primer (Qualipur 152) is a 2-component, solvent-free, low viscosity, polyurethane primer. With good chemical resistance from acids, alkalines, and a number of other chemical compounds, Poly Primer (Qualipur 152) prevents rust and stain formation. Superior adhesion properties also make Poly Primer (Qualipur 152) an ideal primer on many substrates.

Basic Uses: Poly Primer (Qualipur 152) is used to block rust and stain formation and primer applications of Laykold CBM.

### 2. Safety Guidelines

Always wear the recommended personal protective equipment. Avoid contact with eyes, skin, and clothing. Adequate ventilation is required during the application process. Do not expose container to open flame, excessive heat, or direct sunlight.

### 3. Storage and Packaging

Poly Primer (Qualipur 152) should be kept dry and cool. Storage temperature should be between 18°C (64°F) and 30°C (86°F).

Packaging: 3 gallon unit

### 4. Coverage

For a standard application:

On concrete: 0.02 - 0.05 gals/yd<sup>2</sup> (0.20 – 0.25 kgs/m<sup>2</sup>) (175 – 230 ft<sup>2</sup>/gal)

On Asphalt: 0.04 - 0.05 gals/yd<sup>2</sup> (0.20 – 0.25 kgs/m<sup>2</sup>) (175 – 230 ft<sup>2</sup>/gal)

### 5. Installation Guidelines

Poly Primer (Qualipur 152) is supplied ready to mix as a two component product. Pour the entire contents of component B into component A and mix with a jiffy paddle and low speed drill (400-600 rpm), taking care not to incorporate excessive air into the product. Mix the two

### Features and Benefits

- ✓ No flammability concern
- ✓ Solvent –free
- ✓ Quick cure time
- ✓ Primer on-grade
- ✓ Easy to apply
- ✓ Optimal penetration
- ✓ Can be used for prevention and repair



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components for two minutes, scrape down the sides of the pail, and mix for an additional minute.

On Concrete - To apply Poly Primer (Qualipur 152), use a high quality roller, brush, squeegee, or airless spray unit and apply a uniform film. Always seed primer with oven-dried quartz aggregate sand (20 to 40 mesh) at the rate of 5 lbs. per 100 sq. ft. (0.25 kg/m<sup>2</sup>). Allow to cure for 3 to 4 hours before proceeding with additional coatings.

On Asphalt – to apply Poly Primer (Qualipur 152), use a high quality roller, brush, squeegee, or airless spray unit and apply a uniform film. Always seed primer with oven-dried quartz aggregate (20 to 40 mesh) at the rate of 5 lbs. per 100 sq. ft. (0.25 kg/m<sup>2</sup>). Allow the primer to cure for 3 to 4 hours before proceeding with additional coatings.

## 6. Limitations

- Work time of product will be decreased if temperatures exceed 130° F (54°C).
- Laykold Poly Primer is not compatible with water or alcohols.
- Do not apply when temperatures are below 50°F (10°C) or when rain is imminent.
- Do not apply over wet substrates.
- Do not allow to freeze.
- Do not apply over substrates with active moisture vapor transmission.
- New asphalt and/or concrete must cure a minimum of 30 days prior to application of Laykold Poly Primer (Qualipur 152).

## 7. Technical Data

*Results based on temperature of 77°F and 50% Humidity*

VOC		7.1 g/L*
Viscosity		600 – 1000 cPs
Pot Life		40 – 60 Minutes
Tack-Free Time		4 – 6 Hours
Cure Time – Foot Traffic		24 Hours
- Final Cure		7 Days
Adhesion to Concrete	ASTM D7234	100% Substrate Failure
Moisture Vapor Transmission	ASTM E 96	Avg. 0.214 grains / hour ft <sup>2</sup>
Tear Resistance	ASTM D 1004	Avg. 212 + lbs./in <sup>2</sup> depending on the system

*\*Based on standard formula calculation*

*Above figures are guide values and should not be used as a base for specifications  
Consult the Safety Data Sheet (SDS) for more details.*

For complete and latest warranty and product information, please visit [www.advpolytech.com](http://www.advpolytech.com)



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