



# Qualipur<sup>®</sup> 152

## Features and Benefits

### 1. General Description

Qualipur 152 is a 2-component, solvent-free, low viscosity polyurethane primer. It cures using chemical cross-linking to produce a thin mil primer with excellent abrasion characteristics for long term wear protection. Qualipur 152 has good resistance to many chemical compounds. Superior adhesion properties of Qualipur 152 make it an ideal primer for many substrates.

Basic Uses: Being a solvent-free product, Qualipur 152 can be used to prime both interior and exterior substrates without noxious odor.

### 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

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 (12.3 kg unit)

### 4. Coverage

For a standard 4 mil application the consumption rate of Qualipur 152 is 0.0033 gal/ft<sup>2</sup> (0.1451 kg/m<sup>2</sup>).

### 5. Installation Guidelines

Surface Preparation:

Surfaces receiving an application of Qualipur 152 must be clean, sound, dry, and free of oils and other bond inhibiting contaminants. Prior to applying Qualipur 152 to the concrete, use of mechanical methods such as shot blasting or sandblasting are recommended to produce a clean and lightly textured surface. Primed surfaces should be coated within 24 hours. Concrete shall be tested for moisture, per ASTM F1869 Calcium Chloride, to verify 3 lbs per 1,000 ft<sup>2</sup> limit.

- ✓ Low VOC
- ✓ No flammability concern
- ✓ Solvent-free
- ✓ Quick cure time
- ✓ Primer on-grade
- ✓ Easy application
- ✓ Optimal penetration
- ✓ Outstanding bond strength



### Mixing:

Empty the entire contents of component “B” into component “A”. Mixing is accomplished by using a jiffy paddle and low speed drill (400 to 600 rpm) so as not to incorporate excessive air into the product. Mix components for 2 minutes in provided pail. Scrape down sides of pail and mix for an additional 1.5 minutes before proceeding with application.

### Application:

On Concrete – to apply as a primer, use a high quality roller, brush, squeegee, or airless spray unit and apply a uniform film of 4 wet mils. Allow to cure for 4 to 6 hours before proceeding with application.

On Asphalt – to apply as a primer, use a high quality roller, brush, squeegee, or airless spray unit and apply a uniform film of 7 wet mils. Allow the primer to cure for 3 to 4 hours before proceeding with application.

## 6. Limitations

Minimum application temperature is 40°F and rising. Do not apply over damp or wet substrates. Do not apply to surfaces with active moisture vapor transmission. Conduct an adhesion test prior to use on asphalt substrates.

## 7. Technical Data

*Results based on temperature of 68° and 50% Humidity*

VOC		7.1 g/L*
Solid Content		100%
Viscosity	ASTM D2196	600 – 1000 cPs
Pot Life	ASTM C603	40 – 60 Minutes
Tack-Free Time		4 – 6 Hours
Cure Time – Foot Traffic	ASTM C920	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
Flash Point	ASTM D93	Non Flammable

\*Based on standard formula calculation

*Consult the Material Safety Data Sheet / Safety Data Sheet for more details.*

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

