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## POLYSURF PRIME 2011

### Product Data Sheet

#### Technical Data (Based on draw down film)

Coverage Rate	1 gal/200 sq. ft. 0.20 l/m <sup>2</sup>
Dry Film Thickness per Coat	7.0 mils 178 microns
Pot Life at 75°F (24°C), 50% R.H.	30-45 min.
Hardness, ASTM D-2240	70 ± 5 Shore D
Specific Gravity, Part-A Part-B	1.34 1.97
Total Solids by Weight, ASTM D-2369	94.5%
Total Solids by Volume, ASTM D-2697	91.4%
Viscosity at 75°F (24°C) Part-A & B combined	30 ± 5 poise
Volatile Organic Compounds, ASTM D-2369-81	0.76 lb/gal 91 gm/liter

### POLYSURF PRIME 2011

#### Two-Component, High Solids, Epoxy-Polyamine Filler Surfacer Primer

#### Product Description:

PolySurf Prime 2011 is a two component, high solids, liquid applied, epoxy-polyamine filler surfacer with unique characteristics of sealing pores in concrete.

#### Features:

- Low Odor
- Solvent Free
- High Solids
- Excellent Adhesion

#### Typical Uses:

- Concrete
- Polyurethane Elastomeric Surfaces
- Steel

#### Colors:

Part-A: Black, Part-B: White

#### Packaging:

2 gallon kit: One 1 gallon (3.78 liter) can of Part-A and One 1 gallon (3.78 liter) can of Part-B.

10 gallon kit: One 5 gallon (18.9 liter) pail of Part-A and One 5 gallon (18.9 liter) pail of Part-B.

#### Mixing:

The volume mixing ratio is 1 part Part-A Black Liquid to 1 part Part-B White Liquid. Do not mix in an up and down motion.

PolySurf Prime 2011 Part-A and Part-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. PolySurf Prime 2011 must always be mixed with one portion Part-A and one portion Part-B (Part-A: Part-B = 1:1). The combined components should be thoroughly mixed using a mechanical mixer at slow speed.

#### Application:

PolySurf Prime 2011 should be used on rough or porous concrete, or when outgassing is a concern. PolySurf Prime 2011 can be applied using a flat squeegee, phenolic resin core roller, trowel or airless spray.

#### Coverage Rate:

One gallon per 200 square feet in general. Coverage rate will depend on surface roughness and porosity.

Allow PolySurf Prime 2011 to become tack free before applying the coating. Approximate tack free time is 3-5 hours at 75°F (24°C) and 50% relative humidity.

Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F (3°C) above the dew point.

PolySurf Prime 2011 is very sensitive to heat. Higher temperatures will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application.

Low temperature will extend the cure time.

#### Equipment Cleanup:

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

#### Storage:

PolySurf Prime 2011 has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

POLYSURF PRIME 2011

**Limitations:**

Not UV stable. PolySurf Prime 2011 should be coated within 12 hours after it has become tack free. Surfaces must be dry, clean and free of foreign matter. Containers that have been opened must be used as soon as possible. PolySurf Prime 2011 is difficult to clean up after it has cured. Do not dilute PolySurf Prime 2011. Mix no more material than can be used within 20 minutes.

**Warning:**

This product contains Epoxy Resin and Curatives.

***Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local U.S. Polymer Surfaces International representative or visit our website for current technical data and instructions.***

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