

REVISION 4/1/18

## Product Description

Polyprime 2180/2180SC is a two component, liquid applied, epoxy-polyamine primer with unique penetrating characteristics.

FEATURES	TYPICAL USES
» Seals Concrete	» Concrete
» Excellant Adhesion	» Metal
» For SCAQMD Areas	» Plywood

PACKAGING	
<b>2-Quart Kit</b>	One 1 quart (0.946 liters) can of Side-A and One 1 quart (0.946 liters) can of Side-B
<b>2-Gallon Kit</b>	One 1 gallon (3.78 liters) can of Side-A and One 1 gallon (3.78 liters) can of Side-B
<b>10-Gallon Kit</b>	One 5 gallon (18.9 liters) pail of Side-A and One 5 gallon (18.9 liters) pail of Side-B

## Color

Side-A: Black, Side-B: White

## Coverage

The approximate coverage is 1 gallon/300 sqft (0.14 l/sqm) or 300 sqft/gallon. Coverage rate will depend on surface roughness and porosity.

## Surface Preparation

Remove all contaminant, oil and grease from substrate. Refer to General Guidelines for complete information.

## Mixing

The volume mixing ratio is 1 part Side-A to 1 part Side-B (1A:1B). Do not mix in an up and down motion.

Polyprime 2180/2180SC Side-A and Side-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material.

Polyprime 2180/2180SC must always be mixed with one part Side-A to one part Side-B (1A:1B). The combined components should be thoroughly mixed using a mechanical mixer at slow speed.

## Application

Coverage rate will depend on surface roughness and porosity. It can be applied using an airless sprayer, brush, or phenolic

## TECHNICAL DATA (BASED ON DRAW DOWN FILM)

	Polyprime 2180	Polyprime 2180SC
<b>Coverage Rate</b>	1 gal/300 sqft 0.14 l/sqm	1 gal/300 sqft 0.14 l/sqm
<b>Dry Film Thickness per Coat</b>	4 ± 1 mils 102 ± 3 microns	4 ± 1 mils 102 ± 3 microns
<b>Mixing Ratio</b>	1A : 1B	1A:1B
<b>Pot Life at 75°F (24°C), 50% RH</b>	60-90 min	60-90 min
<b>Specific Gravity, Side-A</b>	1.27 ± 0.1	1.30 ± 0.1
<b>Side-B</b>	1.85 ± 0.1	1.89 ± 0.1
<b>Total Solids by Weight, ASTM D-2369</b>	90 ± 2%	90 ± 2%
<b>Total Solids by Volume, ASTM D-2697</b>	84 ± 2%	84 ± 2%
<b>Viscosity at 75°F (24°C)</b>	600 ± 200 cps	1200 ± 200 cps
<b>Volatile Organic Compounds, ASTM D-2369-81</b>	1.17 lb/gal 140 gm/liters	0.83 lb/gal 100 gm/liters

resin core roller.

Allow Polyprime 2180/2180SC 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.

Polyprime 2180/2180SC is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application.

Low temperature and/or low humidity extend the cure time.

## Cleanup

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



## Storage

Polyprime 2180/2180SC has a shelf life of 1 year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C)

## Limitations

Polyprime 2180/2180SC should be coated within 8-12 hours after it has become tack free. Not UV stable. Surfaces must be dry, clean and free of foreign matter. Containers that have been opened must be used as soon as possible. Polyprime 2180/2180SC is difficult to clean up after it has cured.

Do not dilute Polyprime 2180/2180SC. Mix no more material than can be used within 45 minutes.

## Warning

**This product contains Epoxy Resin and Curatives.**

Polyprime 2180/2180SC Side-A and Side-B are considered Dangerous Goods. DOT regulations classify it as: **UN 1263, PAINT, Class 3, PG III, Flammable Liquid.**

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