



Product Description

Polyprime® 172 is a single component, liquid applied, aromatic polyurethane polyurea primer. This primer provides excellent intercoat adhesion. Polyprime® 172SC is designed for use in Southern California to be in compliance with SCAQMD air quality standards.

Features

- Fast Curing
- For SCAQMD, use Polyprime® 172SC
- One Component

Typical Uses

- Polyurethane Intercoat Primer for Pedestrian Decks

Packaging

- 1 gallon (3.78 liter) can
- 5 gallon (18.9 liter) pail
- 55 gallon drum, net fill 50 gallons (189 liters)

Color

Amber

Mixing

Before application, Polyprime® 172 must be mixed thoroughly. Closed-top metal cans can be shaken or rolled to mix material.

Application

Polyprime® 172 should be applied at the rate of 1 gallon/300 sqft (0.14 liters/sqm). Coverage rate will depend on surface roughness and porosity. It can be applied using an airless sprayer, brush, or phenolic resin core roller.

Allow Polyprime® 172 to become tack free before applying the coating. Approximate tack free time is 1-2 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® 172 is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time.

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.

Technical Data (Based on Draw Down Film)

	Polyprime® 172	Polyprime® 172 SC
Coverage Rate	1 gal/300 sqft 0.14 l/sqm	1 gal/300 sqft 0.14 l/sqm
Dry Film Thickness per Coat	4 ± 1 mils 100 ±25 microns	4 ± 1 mils 100 ±25 microns
Specific Gravity	1.07 ± 0.1	1.15 ± 0.1
Total Solids by Weight, ASTM D2369	78 ± 2%	74 ± 2%
Total Solids by Volume, ASTM D2697	76 ± 2%	76 ± 2%
Viscosity at 75°F (24°C) Side-A & Side-B combined	300 ± 50 cps	300 ± 50 cps
Volatile Organic Compounds, ASTM D2369-81	1.65 lb/gal 197 gm/liters	0.75 lb/gal 90 gm/liters

Storage

Polyprime® 172 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® 172 should be coated within 2 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® 172 is difficult to clean up after it has cured.

Do not dilute under any circumstance.



Warning

This product contains Isocyanates and Solvent.

This product is considered Dangerous Goods. DOT regulations classify it as: UN 1263, PAINT, Class 3, PG III, FLAMMABLE LIQUID.

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