



**POLYCOAT
PRODUCTS**
A Division of American Polymers Corp.

POLYPRIME 172
*Single Component
Aromatic Urethane Primer*

DESCRIPTION

Polyprime 172 is a single component, liquid applied, aromatic urethane polyurea primer. This primer provides excellent intercoat adhesion.

FEATURES

- ❖ One Component
- ❖ Fast Curing
- ❖ For use in SCAQMD areas, use only Polyprime 172SC

TYPICAL USES

- ❖ Polyurethane Intercoat Adhesion for Polycoat Pedestrian Decks Only

COLOR

Amber

PACKAGING

- 1 gallon (3.78 liter) can
- 5 gallon (19 liter) pail
- 55 gallon drum, net fill 50 gallons (189 liters)

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 sq. ft. (0.14 liters/m²) It can be applied using an airless sprayer, brush, or phenolic resin core roller.

Allow Polyprime 172 to dry at 70°F (21°C) and 50% relative humidity for one hour before applying the coating.

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

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.

EQUIPMENT CLEANUP

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

STORAGE

Polyprime 172 has a shelf life of six (6) months from date of manufacture in original, factory sealed containers.

**TECHNICAL DATA, POLYPRIME 172 (250 VOC)
(For Use Outside of SCAQMD Areas)**

Coverage Rate	1 gal/300 sq. ft. 0.135 l/m ²
Dry Film Thickness per Coat	3.6 ± 0.1 mils 91.4 ± 3 microns
Specific Gravity	1.07
Total Solids by Weight, ASTM D-2369	78 ± 2%
Total Solids by Volume, ASTM D-2697	76 ± 2%
Viscosity at 75°F (24°C)	300 ± 100 cps
Volatile Organic Compounds, ASTM D-2369-81	1.65 lb/gal 197 gm/liter

**TECHNICAL DATA, POLYPRIME 172SC (100 VOC)
(For Use in SCAQMD Areas)**

Coverage Rate	1 gal/300 sq. ft. 0.135 l/m ²
Dry Film Thickness per Coat	3.6 ± 0.1 mils 91.4 ± 3 microns
Specific Gravity	1.15
Total Solids by Weight, ASTM D-2369	74 ± 2%
Total Solids by Volume, ASTM D-2697	76 ± 2%
Viscosity at 75°F (24°C)	300 ± 100 cps
Volatile Organic Compounds, ASTM D-2369-81 (excluding exempt solvent)	0.75 lb/gal 90 gm/liter

LIMITATIONS

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: **PAINT, Class 3, UN 1263, PG III, FLAMMABLE LIQUID.**

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 Polycoat Products representative or visit our website for current technical data and instructions.

LIMITED WARRANTY

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