

# PERMAPRIME SP

Acrylic Primer for Single-Ply Membranes

## DESCRIPTION

PermaPrime SP is an acrylic-based primer specially formulated to promote the adhesion of PermaCool Coatings on single-ply membranes. PermaPrime SP is suitable for use on most single ply surfaces including PVC, Hypalon and aged TPO.

## ADVANTAGES

- ▶ Blocks plasticizer migration that can cause discoloration and premature failure of elastomeric coatings
- ▶ Low viscosity offers outstanding coverage a cost-effective solution versus various competitive products
- ▶ Environmental friendly and VOC compliant

## TECHNICAL CHARACTERISTICS \*

PROPERTY	VALUES
Color	Clear
Viscosity	300 cP
Density	8.8 lb/gal
Flash Point	Non-Combustible
VOC	< 50 g/L

PROPERTY	ASTM	VALUES
Tensile Strength	D2370	75 psi
Elongation	D2370	1,750%
Solids Volume	D1653	45%
Solids by Weight	D1644	50%

\* All values shown are nominal and subject to normal manufacturing tolerances.

## PACKAGING & STORAGE

PermaPrime SP is available in the following container sizes:

- 5 gallon pails (18.9 L)
- 55 gallon drums (208.2 L)

Do not store in direct sunlight. Keep temperature of contents between 55 - 80°F. **PROTECT FROM FREEZING.** Approximate shelf life is 12 months from date of shipment when properly stored.

## SURFACE PREPARATION

All surfaces must be dry and free of dirt, debris, algae, mildew, oil, talc, loose granules or any other foreign matter that may prohibit adhesion. Surfaces must be pressure washed (3,000 psi minimum) with a mild detergent, chlorine bleach and water solution. A stiff bristle broom may be used on stubborn areas. Ensure all work surfaces are thoroughly dry prior to application.

Due to the variable manufacturing compositions of PVC membranes Performance Roof Systems advises that adhesion/peel tests be performed prior to application to ensure appropriate adhesion and compatibility.

## APPLICATION

**Tools:** Can be applied using a brush, roller or hand sprayer

**Application Rate:** For TPO: 0.5 gal/100 ft<sup>2</sup> (8 wet mils)  
For PVC: 1 gal/100 ft<sup>2</sup> (16 wet mils)

**Working Temperatures:** Ambient and surface temperatures must be above 50°F and not fall below 32°F within 24 hours of application.

DRY TIME	NEXT COAT	FULL CURE
45 min	6 hrs	30 days

\* All working & cure times are approximate and vary upon wind, humidity and ambient/surface temperatures.

**Clean Up:** For wet material use soap and water; For cured material use mineral spirits or citrus-based cleaners

## LIMITATIONS

Do not attempt application if rain or dew are likely to occur before product can dry.

High humidity conditions or late afternoon applications should be avoided as overnight dew formation on uncured surfaces can cause coating wash-off.

Not intended for use on newly installed TPO membranes. Application is recommend for TPO membranes that have been weathered for at least 4 years.

Not intended to perform under ponding water conditions. Positive drainage is required.

Not for use on EPDM membranes.

For complete application instructions please refer to published specifications and recommendations.