

PolyGreen Solutions



"Polymer Solutions for Sustainability"

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Technical Data Sheet for ***Single Ply Primer 450***

Basic Uses & Description:

SPP-450 is a high quality, plasticizer free, water based, acrylic primer. ***SPP-450*** is designed for application over aged single-ply roofing membranes to enhance adhesion of silicone roof coatings. Product provides great adhesion over PVC, aged TPO, and Hypalon membranes. ***SPP-450*** can be applied with spray, brush, or roller. Spray application is preferred method.

Limitations & Precautions:

Surface must be clean and dry. ***SPP-450*** should only be applied on roofs with adequate slope. ***SPP-450*** should not be applied on roofs where ponded water is present. Do not apply over wet substrates or when inclement weather is imminent. Complete cure of ***SPP-450*** requires complete evaporation of water. Cool temperatures and high humidity retard cure.

Application:

SPP-450 may be brushed, rolled, or sprayed on a clean, dry surface. For equipment specifications, contact PolyGreen Solutions. If sprayed, material should be at least 75°F. Before applying additional coat, the previous coat must be completely dry and cured. This product cures by water evaporation only. Product must not be applied when the ambient temperature is below 50°F or if there is any possibility it could fall below 32°F within 24 hours of application. Application is not recommended if rain or dew is likely to occur before product dries. Apply ***SPP-450*** at a rate of 0.5-1 gallons per 100 square feet, depending on the substrate (0.5 gallons for TPO, 1 gallon for PVC).

Storage and Shelf Life:

SPP-450 is water based and is not freeze-thaw stable. ***SPP-450*** should be stored in unopened containers between 40°F and 70°F. Shelf life is 12 months from manufacture date.

Typical Properties

As Supplied:

Appearance.....	Black	Clean Up.....	Water
Total Solids (volume).....	45% +/- 2%	Shelf Life.....	12 Months
Weight Per Gallon.....	8.8 lbs. per gallon +/- 0.2	Viscosity.....	300 +/- 100 cP
VOC.....	<50 grams/liter		

Packaging Sizes:

SPP-450 Single-Ply Primer is available in 5 gallon and 55 gallon containers.

The information reported herein are based upon information reasonably available to PolyGreen Solutions, LLC at the time publication, and are presented in good faith but are not to be construed as warranties or guarantees, expressed or implied.