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# COOL-TOP WHITE SP 600 ALL-PURPOSE COATING

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## PRODUCT DESCRIPTION:

DEWITT'S COOL-TOP WHITE SP 600 ALL-PURPOSE COATING is a solvent-based Terpolymer coating intended for the repair and restoration of asphalt, modified bitumen, metal, Kynar®, concrete, TPO, Hypalon® (CSPE), PIB and EPDM roofs. Extremely fast drying. Skins over in minutes and cures completely in a few hours. Won't wash off or pick up debris. DEWITT'S COOL-TOP WHITE SP 600 is Energy Star white and will reduce the roof's surface temperature which reduces stress from daily heat cycles. It will also reduce the heat gain in the building's interior and any associated air conditioning costs, and increase the efficiency of roof mounted air conditioning condensers.

## USES:

DEWITT'S COOL-TOP WHITE SP 600 ALL-PURPOSE COATING can be used on most roofs such as: asphalt BUR, modified bitumen, metal, Kynar®, concrete, TPO, Hypalon® (CSPE), PIB and EPDM.

## APPLICATION:

Surface to be coated must be dry\* and free of dirt or corrosion particles. DEWITT'S COOL-TOP WHITE SP 600 BT may be applied to wet surfaces as a temporary repair measure. Its ultra high density and water displacing abilities allow adhesion to wet and underwater surfaces. In conventional applications, first apply #320 DeWitt's Roof Cleaner or #509 DeWitt's Degrease-It and power-wash according to directions. Before applying coating, close all fresh air intakes and other potential points of entry for solvent vapors into the building. All penetrations should be sealed with #319 Cool-Top White Mastic SP 650. On metal roofs any grade of #317 Cool-Top White SP Mastic 550 may be utilized. For best results, apply the product with a ¾" to 1¼" nap roller or suitable spray equipment. Apply successive coats at right angles when possible. Mix the coating thoroughly before application.

For best results, maintain coating temperature at 50°F or above. Roof temperature should be above freezing during application. Once applied, coating is unaffected by temperature. Allow 24 hours between coats on asphalt, modified bitumen and EPDM roofs. For all other roof types, allow four hours between primer and/or base coats and the finish coat. All roofs must be cleaned with #320 DeWitt's Roof Cleaner or #509 DeWitt's Degrease-It prior to application of this product. Failure to do so may result in

poor adhesion and/or discoloration of the coating. For PVC roofs consult DeWitt's prior to use. Do not use over acrylic roof coatings.

## COVERAGE:

- **BUR/Mod Bit** - 2.5 to 4 gallons per sq. applied in 2 coats 1.25 to 2 gal/sq. each\*\*
- **TPO/EPDM/CSPE** - 2.5 gallons per sq. applied in 2 coats 1.25 gal/sq. each\*\*\*
- **Metal** - 2.5 to 3 gallons per sq. applied in 2 coats 1.25 to 1.5 gal/sq. ea.
- **Concrete** - Prime with #515 Primer @1/2 gal/sq.  
2.5 gallons per square / 2 Coats 1.25 gal/sq. each

For fabric reinforced applications or other roof systems, consult DeWitt's. Typical rate of application with reinforcement is 5 gallons per 100 sq. ft. Granule surfaces may require 2 gallons per coat depending on the irregularity of the surface.

\*Roof surfaces must be dry for coating application. Even when the surface appears dry, moisture maybe trapped in the roof, deck or insulation. A moisture scan is recommended prior to application. In addition, application of this coating within 5°F of the dew point is not recommended.

\*\*The first coat over asphalt will often stain yellow. Although COOL-TOP WHITE SP 600 is highly resistant to asphalt staining, this condition is unpredictable. If brown spots appear during application with a roller, inspect the roller nap for embedded pieces of asphalt. These spots will be covered by the second coat. Uneven, alligatored or cracked roofs will require the higher rate of application.

\*\*\*EPDM roofs may exhibit temporary swelling if application rates are significantly exceeded. If swelling occurs do not proceed with additional coats until it has subsided.

Certain PVC roofs may contain plasticizers that can soften COOL-TOP WHITE SP 600. Applicator is responsible for determining the type and manufacturer of the roof to be coated.

## PHYSICAL CHARACTERISTICS:

Viscosity ASTM D-562	600g@77°F (25°C) 12,000 cps
Recommended rate of application	See APPLICATION above
% Solids by volume	45 min
% Non-volatile	59 max
VOC	500g/l max
Initial Solar Reflectivity ASTM E-903	84% min
Aged Solar Reflectivity ASTM E-1918	71% min
Emissivity	.90
SRI	105
Elongation	700%@77°F (25°C)
Flash Point (TCC)	+100°F (38.7°C)
Color	Energy Star White

**PACKAGING:**

5 gallon

**CAUTION:**

Combustible: Keep away from heat and open flame. Close container after each use. Keep out of reach of children. Do not induce vomiting. Harmful if swallowed. Avoid prolonged contact with skin or fumes.

