

### OVERVIEW

Impersol™ AC Premium is a CRRC listed, white acrylic roof coating that can reduce roof temperatures by 50 to 80 degrees. The fire retardant roof coating is formulated from water-based, pure acrylic, self-curing latex polymers. Impersol AC Premium, an elastomeric coating, also contains unique bleed blocking polymers that eliminates the need for a coating primer. It is designed for application by brush, roller or spray. Once cured, Impersol AC Premium preserves roof surfaces and reduces under roof temperatures to create a more pleasant interior work environment that is less costly to maintain. Impersol AC Premium meets Title 24 requirements.

### SURFACE PREPARATION

The surface must be free of any dirt, moisture, oils, algae or other contaminants that may interfere with good adhesion. Carefully remove any loose material from surface with a wire brush or scraper. Grease and oil should also be removed with environmentally safe solvents or an appropriate detergent cleaner such as Impersol Cleaner/Degreaser. In most cases a high pressure water blast will be sufficient to prepare the surface. All fresh applications of mastics, coatings or asphalt adhesives require a minimum of 30 days to cure prior to application of Imper-Sol.

### APPLICATION TEMPERATURES

To obtain the best results, ambient temperatures of the air and the substrate should range between 50°- 95°F. For optimum application, the product should be at a minimum of 60°F.

### APPLICATION METHODS

Roller, Brush or Spray. Imper-Sol should be applied at a rate of 1-2 gallons per 100 ft.<sup>2</sup> (0.41-.81 l/m<sup>2</sup>) per coat depending on the substrate. For best results, apply a two-coat application in a crosshatch manner.

### HANDLING & STORAGE

- Store material in dry protected areas and on clean raised platforms and keep from freezing
- Shelf life is one year in an unopened container
- All safety and good roofing practices should be followed while applying this product

**Notice:** It should be used and stored away from flames, in a well-ventilated atmosphere. Avoid prolonged breathing of vapors and prevent contact with eyes. Read all label information, SDS, and precautions before using. The specifications, properties and performance of materials described herein are based on information believed to be reliable. Unless otherwise expressly provided in written contract, the products discussed are sold without conditions or warranties, expressed or implied. Product specifications are subject to change without notice.

Technical Schedule	AC Premium
Color	White
Weathering (ASTM D-4798)	1,000 h, no deterioration
Non-volatile (ASTM D-1644)	66% min
Density @ 77°F of (25°C) (ASTM D-1475)	12 lb./gal (1.43g/cm <sup>3</sup> )
Elongation (ASTM D-2370)	100% minimum
Tensile strength (ASTM D-2370)	200 psi minimum
Shelf life	1 yr. in an unopened container
Reflectance	0.84 (initial) .78 (3-year aged)
Emittance	.91 (initial)
SRI	106
Coverage	1.0-1.5 gal./100 ft. <sup>2</sup> (0.41-0.61 l/m <sup>2</sup> ) per coat (2-coat application required)
VOC	<50 g/l
Packaging	5 gallon pail (18.9 l) 55 gallon drum (208.2 l)

All values are approximate.



Roofing Systems Component for the Material Characteristics in Accordance with ASTM D 4586-0045P1



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