



**Pruett-Schaffer**  
*Coatings for a Green World*  
**412-771-2000**

www.pruett-schaffer.com

**PRODUCT NUMBER**      **PRODUCT NAME**  
**50 , 55 SERIES**      **ASPHALTIC COATINGS**

### GENERAL DESCRIPTION

Pruett-Schaffer's 50- and 55-Series coatings are single component, air-drying or baking, solvent or water based asphaltic compounds. Some formulas are oil-modified asphalt and others are asphaltic/gilsonite blends to provide a wide choice of protective waterproofing and heat resistant properties. They provide a cost effective alternative to toxic coal tar based compounds for protecting steel or concrete from normal environmental corrosion. These coatings are available in conventional and high solid formulations, in brush, roller and spray viscosity's. Also available in a Mil-Spec TT-V-51f compliant formula.

### RECOMMENDATIONS

Asphaltic coatings are recommended for use as corrosion preventative and waterproofing compounds over concrete and metal substrates both above and below grade. They resist humidity, water, weak acids, or alkalis. Some can resist temperatures of 375-500 °F. All have good surface wetting properties for use when it is difficult to completely clean substrates prior to painting.

These coatings are not recommended for exposure to hydrocarbon solvents, gasoline, oils, or fuels. They are normally not topcoated since bleed through can result.

### SURFACE PREPARATION

New metal substrates should be degreased, chemically cleaned, or sandblasted. Concrete should have all form release oils, curing membranes and dirt removed. May be used over existing coatings, if tightly adhering, if the surface is chalky or extremely dirty, power wash it first and allow to dry. Feather all rough edges.

### THINNING

May be thinned with xylol, mineral spirits or aromatic naphtha, but these paints are shipped ready to use and normally need no thinning.

### APPLICATION EQUIPMENT

Brush or roller application is the most common method used to coat in place objects and will result in the best performing protective coating, but air or airless spray equipment or even dipping tanks may be used in shop coating jobs. Recommended dry film build varies with the product, and may be from 2-16 depending upon the application.

### DRYING TIMES & TEMPERATURES

Asphaltic coatings typically dry tack free dry in 1/2 to 3 hours at 70 °F depending on the application thickness and product used. They may be recoated with themselves if needed to attain thicker films. See individual product data sheets for more information.

### CLEANUP

Cleans up easily with xylol before the paint dries hard.

### ENVIRONMENTAL

Most products meets current air pollution regulations regarding hydrocarbon and ozone reactive emissions. They contain no zinc or chromate and comply with current federal regulations regarding the use of lead in paint.

### PHYSICAL PARAMETERS

**VOC, ASTM D-3960:**  
3.0 -4.2 lb./gal

**WEIGHT PER GALLON, ASTM D-1475:**  
7.2 - 8.5 LBS

**NONVOLATILE:**  
By weight: 35-65%  
By volume: 27-52%

**THEORETICAL COVERAGE:**  
540-830 ft<sup>2</sup>/gallon/mil, dry film

**VISCOSITY:**  
65-105 KU, available in brush roller, spray and dipping viscosities.

**INITIAL GLOSS, 60°, ASTM D-523:**  
Varies.

**FLASH POINT:**  
50-100 °F

THIS INFORMATION RESULTS FROM TESTS CONDUCTED IN A LABORATORY UNDER LABORATORY CONDITIONS. DIFFERENT RESULTS MAY BE OBTAINED IN COMMERCIAL USE OF THIS PRODUCT UNDER FACTORY OR FIELD CONDITIONS. PRUETT-SCHAFFER MAKES NO WARRANTY CONCERNING THE SUITABILITY OF THIS PRODUCT FOR THE END USE CONTEMPLATED BY THE BUYER, EXCEPT THAT THE PRODUCT SHALL BE IN COMPLIANCE WITH THE TECHNICAL SPECIFICATIONS PRESENTED HEREIN.

REVISED 03-24-2006