



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

www.pruett-schaffer.com

**PRODUCT NUMBER**      **PRODUCT NAME**  
**37-SERIES**              **ALKYD BRUSHING ENAMELS**

**GENERAL DESCRIPTION**

Pruett-Schaffer's 37-Series coatings are single component, air-drying, solvent based, long oil length alkyd coatings. They have been one of the workhorse maintenance enamels for years due to their cost effectiveness, good exterior durability and ease of use. These coatings are available in high solids formulations, and can be supplied in flat, semi- or high-gloss finish, in a complete range of colors including Mil Spec, Federal 595 and OSHA safety colors, and custom colors.

**RECOMMENDATIONS**

37 Series are recommended for use over metal or wood substrates exposed to normal atmospheric and industrial conditions anywhere a good general-purpose alkyd maintenance enamel may be used. These paints have good surface wetting properties for use when it is difficult to completely clean surfaces prior to painting. They may be applied over primer, direct-to-metal, or over existing coatings. They will provide good long term and cost effective protection for maintenance of heavy equipment, implements, and wood and steel structures. 37-Series coatings should not be used in water immersion or chemical exposure service, or where service temperatures will exceed 225 °F.

**SURFACE PREPARATION**

New metal substrates should be degreased, chemically cleaned, or sandblasted, then primed for best

performance. Power sanding or brushing followed by spot priming should be used to prepare rusted steel surfaces. Existing coatings, if tightly adhering, should be deglossed if necessary by brush blast or sanding; if the surface is chalky or extremely dirty, power wash it first and allow to dry. Feather all rough edges. Mold or fungus growth should be removed prior to painting.

**THINNING**

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

**APPLICATION EQUIPMENT**

Brush or roller application is the usual method of application but air or airless spray equipment may be used if desired and will perform equally well. They will usually require thinning to spray. Typical recommended dry film build is 2-3 mils per coat when applied over primer or existing coatings; 3-4 mils dry when applying a single coat direct-to-metal.

**DRYING TIMES & TEMPERATURES**

These paints typically dry tack free in 3 - 6 hours in normal shop conditions (70 °F) when brushed 3 to 6 mils wet film in a single pass. They may be recoated in 24 hours if needed, ultimate cure is achieved in 7-10 days at 70 °F.

**CLEANUP**

Cleans up easily with xylol before the paint dries hard.

**ENVIRONMENTAL**

These products meets current air pollution regulations regarding hydrocarbon and ozone reactive emissions. They are VOC compliant for architectural and maintenance use and industry, contain no zinc or chromate, and comply with current federal regulations regarding the use of lead in paint.

**PHYSICAL PARAMETERS**

**VOC, ASTM D-3960:**  
2.7 -3.5 lb./gal

**WEIGHT PER GALLON, ASTM D-1475:** 7.8 - 9.8 LBS

**NONVOLATILE:**  
By weight: 54-72%  
By volume: 45-58%

**THEORETICAL COVERAGE:**  
720-930 ft<sup>2</sup>/gallon/mil, dry film

**VISCOSITY:**  
75-80 KU

**INITIAL GLOSS, 60°, ASTM D-523:**  
75-80 in full gloss, also available in semi-gloss and flat.

**FLASH POINT:**  
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.

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