



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

www.pruett-schaffer.com

PRODUCT NUMBER **PRODUCT NAME**
67-SERIES **POLYURETHANE ENAMELS**

GENERAL DESCRIPTION

Pruett-Schaffer 67-series coatings are single package, air-drying, solvent based, oil modified polyurethane coatings. When long oil modified they have been one of the maintenance industry's workhorse floor and deck enamels for years due to their cost effectiveness, ease of use, and outstanding abrasion resistance for an alkyd-like paint. These coatings are available in high solids formulations, and can be supplied in semi- or high-gloss finished in a complete range of colors including Mil. Spec, Federal 595, OSHA, and custom colors.

RECOMMENDATIONS

The coatings are recommended for use over concrete, metal or wood substrates exposed to normal atmospheric conditions anywhere a good general-purpose alkyd maintenance enamel may be used. They may be applied direct-to-metal, over primer, or over existing coatings. These coatings are resistant to the active alkali in new concrete and mortar, and will resist the "burn through" that occurs with ordinary alkyd enamels. They will provide good, long term, and cost effective protection against water and common household chemicals for maintenance of wood or metal furniture, wood floors and decks, concrete or masonry.

SURFACE PREPARATION

Substrates may be degreased, chemically

cleaned, blasted, or sanded, depending upon the surface. 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 dirty, power wash it first and allow to dry. Feather all rough edges.

THINNING

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

APPLICATION EQUIPMENT

These coatings may be applied by brush, roller or by regular spray equipment. Apply to maintain a dry film build per coat of between 1 and 3 mils.

CURING TIMES & TEMPERATURES

Unmodified urethane enamels dry set to touch in 15 to 30 minutes. Long oil modified floor enamels dry tack free in 3 to 6 hours under normal conditions (70 °F) when applied at 4-6 mils wet film in a single pass. They may be recoated in 24 hours if needed, ultimate cure is achieved in 7-10 days.

CLEANUP

Clean up with mineral spirits before the coating cures.

ENVIRONMENTAL

This product meets current air pollution regulations regarding hydrocarbon and ozone reactive emissions. It is VOC compliant for architectural and maintenance use and industry, and contains no lead or chromate.

PHYSICAL PARAMETERS

VOC, ASTM D-3960:
3.0-3.35 lb./gal mixed

WEIGHT PER GALLON, ASTM D-1475:
8.3-9.5 LBS mixed

NONVOLATILE:
By weight: 61-68%
By volume: 49-54%

THEORETICAL COVERAGE:
780-870 ft²/gallon/mil, dry film

VISCOSITY:
65-75 KU mixed

Gloss, 60 degree, ASTM D-523:
75-80 in full gloss, also available in semi-gloss.

FLASH POINT:
52 F for Fast dry Unmodified Urethanes
100 F for floor enamels

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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