



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

www.pruett-schaffer.com

PRODUCT NUMBER **PRODUCT NAME**
35-SERIES **QUICK DRYING INTERIOR/EXTERIOR ALKYD PAINTS**

GENERAL DESCRIPTION

Pruett-Schaffer's 35-Series coatings are single component, air-drying, solvent based, and chainstopped alkyd coatings. They are designed for use as cost-effective maintenance finish coats over metal substrates. They feature good exterior durability, easy spray application with thin film hiding, and very fast dry in a conventional solids formulation. They can be supplied in semi-gloss or high gloss finishes and as a dry fall paint, in a complete range of colors including Federal 595 and OSHA safety colors. They are NOT VOC compliant!

RECOMMENDATIONS

35 Series are recommended for use over ferrous metal substrates exposed to normal atmospheric and industrial conditions anywhere a good general purpose alkyd maintenance enamel may be used and fast dry is desired. Formulated to be applied over primer, they may be used direct-to-metal in many circumstances. They will resist UV-induced chalking and fading, and provide excellent long term and cost effective protection for maintenance of heavy equipment, implements, and steel structures. 35-Series coatings are not recommended for use on wood or other dimensionally unstable substrates, and should not be used in immersion or several chemical exposure service.

SURFACE PREPARATION

For standard service, metal substrates

should be degreased and sandblasted in accordance with SSPC-SP-6 commercial blast with a <1-mil profile. Less rigorous surface preparation may result in good serviceability in normal conditions, for example chemical cleaning or power sanding/brushing. Existing paints should be deglossed by brush blasting or sanding; 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 or aromatic naphtha, but these paints are shipped ready to use and normally need no thinning. Overthinning may cause curtaining or sagging .

APPLICATION EQUIPMENT

Conventional air or airless spray equipment is the preferred method and will result in the best performing protective coatings. Typical recommended dry film build is 1-2 mils when applied over primer, 2-3 mils when applied direct-to-metal.

DRYING TIMES & TEMPERATURES

These paints are very fast drying. Typical tack free dry times of 15-20 minutes in normal shop conditions (70 °F) are attainable when spraying 2 to 3 mils wet film in a single pass. They may be recoated in 2-3 hours if needed, ultimate cure is achieved in 5-7 days.

CLEANUP

Cleans up easily with xylol before the paint dries hard.

ENVIRONMENTAL

These products do not meet 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:
4.4-4.8 lb./gal

WEIGHT PER GALLON, ASTM D-1475:
7.9-9.3 LBS

NONVOLATILE:
By weight: 39-51%
By volume: 32-39%

THEORETICAL COVERAGE:
500-6200 ft²/gallon/mil, dry film

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

VISCOSITY:
60-77 KU

FLASH POINT:
50 °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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