



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

www.pruett-schaffer.com

PRODUCT NUMBER PRODUCT NAME
30-SERIES SOLVENT BASED ALKYD PRIMERS

GENERAL USE ALKYDS

Pruett-Schaffer's #30-Series primers are solvent based, rust inhibitive ferrous metal primers. They are available in standard alkyd, silicone modified alkyd, and universal solvent based alkyd formulations. Some are phenolic modified for faster dry times. They can be formulated in low or high solids, for brush, dip or spray applications. These primers are available in a wide choice of colors in VOC compliant formulations for most industries.

RECOMMENDED USES

These coatings provide good corrosion protection to ferrous metals exposed to normal industrial environments. They may be used direct-to-metal or over existing coatings, and may be topcoated with a variety of products (see individual data sheets). They dry rapidly and are easy to apply requiring minimal surface preparation for acceptable performance. Contact P-S for specific recommendations.

ZINC RICH ALKYDS

Pruett-Schaffer's 30-Series Zinc Rich coatings are oil-modified alkyds heavily filled with zinc metal to provide a high level of rust inhibitive protection. These coatings protect ferrous metals through sacrificial corrosion similar to that of hot dip galvanizing. They provide excellent weathering and abrasion resistance, and are easy to apply to high film builds assuring protection over sharp edges.

These coatings are electrically conductive and can be used as pre-construction shop primers on parts that will be welded. They exhibit excellent wetting and penetrating ability.

ZINC RICH RECOMMENDED USES

Zinc rich primers are recommended for use in situations where extensive surface preparation of the substrate cannot be done, where it is difficult or expensive to repaint, and where the potential for greater than normal environmental corrosion exists.

SPECIFICATION PRIMERS

Pruett-Schaffer manufactures many government and corporation specification primer paints in a wide variety of colors.

ENVIRONMENTAL

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

SURFACE PREPARATION

For normal industrial exposures, metal substrates should be blasted to SSPC-SP-6. Zinc rich should be prepared to a higher standard for best performance.

Hand or power tool cleaning or chemical cleaning may be sufficient in many repair situations. Glossy 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.

PHYSICAL PARAMETERS

Values are approximate

	Red Oxide Alkyds	Zinc Rich
VOC, lb./gallon:	3.3	1
Non-Volatile % by weight:	70	92
Non-Volatile % by volume:	50	82
Theoretical coverage ft²/gal/mil, dry film:	790	1300
Packaged viscosity, Krebs Units:	70	95
Weight per gallon, ASTM D-1475, lbs.:	11.5	15
Gloss, 60 degree, ASTM D-523:	1-15	30
Dry to water resistance and recoat, hours:	0.5-1	8-12
Recommended dry film thickness:	1-3	6-8

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