

DESCRIPTION

714E Series is a versatile, quick drying, high gloss finish designed for use in many industrial applications. This coating system provides excellent exterior performance. For improved corrosion resistance on metal our 16P, 216P or 716P primers are recommended. This Low VOC and Low HAPS formulation exceeds most air quality regulations in place at this time.

PRODUCT BENEFITS

- Low VOC 3.5 lbs per gallon or less
- Low HAPS
- Fast air dry
- High Gloss
- Wide array of stock colors
- Custom colors available
- Can be applied with various types of spray equipment
- Contains no lead or chromate pigments that can cause serious health problems.

PHYSICAL PROPERTIES

Vehicle:	Modified Acrylic
Volume Solids:	33% – 38%
Weight Solids:	45% - 55%
Weight/Gallon:	8.8 - 9.9 lbs./gal
Viscosity:	58 - 62 Krebs Units
Gloss:	85+% @ 60° reflectance
Theoretical Coverage at 100% Transfer Efficiency:	525 - 575 sq. ft./gal @ 1 mil dry
Recommended Dry Film:	1.5 – 2.5 mils dry
VOC:	3.5# or less
HAPS:	Less than 1%
Dry to Touch:	20 – 30 minutes (70°F)
Tack Free:	40 – 50 minutes (70°F)
Reducer:	81T714 HAPS Free Thinner

SURFACE PREPARATION

Surface must be clean dry and free of oil, grease, mill scale and other contaminants. Possible cleaning methods include sandblasting (preferred) solvent scrub, wire brushing, or vapor degreasing. All weld spots should be primed before applying a top coat.

RECOMMENDED PRIMERS

Our primers provide excellent corrosion protection and accept most industrial enamels for top coat. 714E can be combined with any of our primer systems. For Low VOC applications use the 716P Series listed below.

716P300	Red Oxide Primer
716P900	Gray Primer
716P220	Black Primer
716P100	White *
* Use under yellow or orange topcoat.	

APPLICATION

714E may be applied as supplied with Airless spray. Recommended tip size is .011-.013. For conventional (cup gun) and air-assisted airless reduce with 81T714 at 2.5-5% by volume. Apply at 35-50 PSI air pressure. A light tack coat followed by a wet coat of 3-6 mils wet is preferable.

714E Series coatings are available in aerosol containers for easy touchup and in field maintenance.

TESTING

Salt Spray (ASTM B117) - passed up to 1000 hours

Due to the wide variety of substrates, surface preparation methods and application methods and environments, the customer should test the coating performance prior to full scale application.

SAFETY

This product contains solvents and/or other chemical ingredients that mandate safety. Adequate health and safety precautions should be observed during storage, handling, use and drying periods.

READ MATERIAL SAFETY DATA SHEETS BEFORE USING THIS PRODUCT

LIMITATIONS

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and substrate conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use under the existing conditions. Our liability for breach of warranty, strict liability in tort, negligence or otherwise is limited exclusively to replacement of the product or refund of its price. Under no circumstance are we liable for incidental and consequential damages.

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