

GENERIC TYPE

Modified Acrylic

PRODUCT DESCRIPTION

A versatile coating designed for use in both interior and exterior industrial applications.

Benefits

Low HAPS
 Low VOC
 High Gloss
 Fast dry
 No lead or chromate pigments
 Excellent exterior performance
 Can be applied with various types of equipment

PHYSICAL PROPERTIES

Property	Result
Volume Solids	33 – 38%
Weight Solids	45 – 55%
Density	8.8 – 9.9 lbs/gallon 1.05 – 1.19 kgs/L
Coating VOC	120 or less grams/L 3.5 or less lbs/gallon
Coating HAPS	Less than 1%
Viscosity	58 – 62 Ku
Gloss @ 60°	85+
Theoretical coverage at 1 mil (25.4 µm)	525 – 575 ft.²/ gallon 12.89 – 14.11 m²/L
Recommended DFT	1.5 – 2.5 mils 38.1 – 63.5 µm
Dry to touch @ 70°F	20 – 30 minutes
Tack Free @ 70°F	40 – 50 minutes
Reducer/Clean-up	81T714 HAPS Free Thinner



714E Series

Technical Data Sheet

APPEARANCE

Color: Wide variety of colors available
Gloss: Gloss

SURFACE PREPARATION

DO NOT USE PAINT THINNER! 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. Repaired steel should then be solvent cleaned with Xylene, Toluene, or lacquer thinner. Use clean solvent and clean white wiping rags. Do not use colored rags containing dye, which may dissolve in the solvent leaving incompatible contaminants on the surface. Reference NACE 2/ SSPC-SP10 for surface preparation.

RECOMMENDED PRIMERS

These primers provide excellent corrosion protection and accept most industrial enamels as a top coat. 714E can be combined with any of our primer systems. For Low VOC applications, the following must be used.

716P300	Red Oxide
716P900	Gray
716P220	Black
716P100	White*
*Use under Yellow or Orange	

APPLICATION

Mechanically stir the product for 10-15 minutes before using. 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.

CAUTION

Adequate health and safety precautions should be observed during storage, handling, use and curing periods.

READ SAFETY DATA SHEETS BEFORE USING THIS PRODUCT



714E Series

Technical Data Sheet

DISCLAIMER

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 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 then 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 circumstances are we liable for incidental or consequential damages.