



SHEBOYGAN PAINT COMPANY



Water-Reducible Protective Enamel

Water-Reducible Alkyd Top Coat

TECHNICAL DATA SHEET

Product Description

SPC WR Protective Enamel Coatings are high gloss, low VOC, fast drying water reducible alkyd coatings intended for industrial finishing and refinishing applications. Our WR Protective Enamel Coatings can be applied by brush, roller, or spray. Benefits include:

- Fast air drying
- Direct to metal application
- Superior adhesion and early moisture resistance
- No flash point due to the presence of water
- Excellent flexibility
- Low odor for better working conditions

Surface Preparation

All surfaces should be cleaned and free of dirt, salt, oil, grease, chemical deposits, and other surface contaminants by washing with a commercial detergent or suitable cleaner. High gloss surfaces should be scuff sanded to insure good adhesion. Surface should be dry when painted.

Physical Attributes

Density (WPG)	9.29 Pounds*	Mandrel Bend (180°)	Excellent
Specific Gravity	1.12*	Pencil Hardness	HB
Recommended Dry Film Thickness (DFT) over Profile	1-1.25	Gloss	90-100
Theoretical Coverage at 1 Mil	412.598*	Flashpoint	N/A
Non-Volatile % of Volume	25.72*	Salt Spray	250 hrs. DTM/500 hrs. with 71-886 or 71-3145A Primer
Non-Volatile % of Weight	35.00*	Viscosity	80-100 KU
Volatile Organic Content (VOC), Maximum	2.83	Approximate Dry to Touch Time (at 77°F, 50% RH)	45-60 Minutes

*Varies by color

Application Process

If reduction is necessary, reduce only with hot water. A light mist coat may be applied immediately followed by a heavier second coat. In many cases a heavier first coat, evenly applied, will provide adequate hiding and coverage. A medium 3/8" soft woven covers is recommended for rolling and .013 to .015 tip is recommended for airless spray application. Ambient air, paint and substrate temperature should be at least 50°F at the time of application.

Dry Times

When evenly applied at the recommended dry film thickness of 1-1.25 Mil, SPC WR Protective Enamel should be dry to touch in 45-60 minutes and dry to handle in 4-6 hours at 77°F and 50% Relative Humidity. High film thickness, low air movement, and/or high humidity will increase dry time.

Clean-Up

Water clean-up for spray guns and equipment. Butyl Cellosolve may also be used.

Storage

Store above freezing (32°F). Do not freeze. Mild agitation is recommended before use.

Non-Recommended Uses

Not recommended for Galvanized Steel, Aluminum, Concrete, Cement Block or Immersion Service

Refer to Material Safety Data Sheet for Health and Safety Information.

Sheboygan Paint Company offers the above technical information as a guide and believes the information to be accurate. The data contained does not express any warranty or liability on the seller's part. It is assumed that the applicator is skilled in the profession and will take necessary steps to adjust to varying shop conditions.