



SHEBOYGAN PAINT COMPANY



# Water-Reducible Protective Primer

## Water-Reducible Alkyd Primer

### TECHNICAL DATA SHEET

#### Product Description

SPC WR Protective Primers are low VOC, fast drying water reducible alkyd coatings intended for industrial finishing and refinishing applications. SPC Water-Reducible Protective Primers can be applied by brush, roller, or spray. Benefits include:

- Easy to apply
- Fast air-drying
- 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)	10.35 Pounds*	Mandrel Bend (180°)	Excellent
Specific Gravity	1.05*	Pencil Hardness	HB
Recommended Dry Film Thickness (DFT) over Profile	1-1.25	Gloss	2.5-15*
Theoretical Coverage at 1 Mil	480.799*	Flashpoint	N/A
Non-Volatile % of Volume	29.98*	Salt Spray	500 hrs. with SPC Protective Enamel Top Coat
Non-Volatile % of Weight	45.47*	Viscosity	80-85 KU
Volatile Organic Content (VOC), Maximum	2.78	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 Primer 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 the dry times.

#### 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.*