



P-523
FAST DRY PHENOLIC ZINC
CHROMATE PRIMER
GRAY GREEN

DESCRIPTION: This universal zinc chromate primer is formulated to provide corrosion protection over aluminum or steel. It has exceptional hiding power and performs best over clean surfaces. This product is free of any lead pigments and driers.

RECOMMENDED USES: For use wherever a fast dry a fast dry primer is needed for industrial product finishing and refinishing. Due to its phenolic modification, it is suitable under strong solvent topcoats such as epoxy and urethane.

TECHNICAL DATA

Theoretical Coverage: 548.0 square ft/ gallon @1 Mil	Gloss: 2 – 5 @60° angle
Weight Per Gallon: 10.135 ± 2%	Viscosity: 61 – 65 KU
Solid Content: 52.83% (Wt.) 34.17% (Vol.)	Organic Solvent: 46.96% (Wt.) 65.83% (Vol.)
VOC (less water): 4.75 Lbs./ Gal	Environmental Codes: Lead Free
Recommended Dry Film Thickness 1.5 – 2.0 Mils dry per coat	Temperature Limit (Dry): 200°F
Drying Time @70°F, 50%RH To Touch: 10 minutes	Flash Point: 79°F (TCC)
To Handle: 20 minutes	
Dry Hard: 1.5 Hours	
Recoat: 1 Hour	

IMPORTANT INFORMATION

- Higher relative humidity increases dry time, provide air movement.
- Do not apply if surface or product temperature is below 50°F, or at any temperature when ambient air temperature is below 5°F of the dew point to prevent moisture from condensing on the surface on the surface to be painted on the freshly painted surface.
- Primers are not recommended as finish coat and should not go without top coating for an extended period in exterior exposure.
- Store at room temperature if possible.

SURFACE PREPARATION

Paint only clean dry surfaces. Remove all oil, grease, dirt, mildew, or other foreign matter by solvent or detergent washing.

STEEL: Best results occur over blasted steel surfaces, however, this primer is designed for spraying over steel surfaces prepared in accordance with SSPC-SP2 “Hand Tool Cleaning” or better. Care must be taken to remove all oil, grease, and other contaminants prior to and after hand or power tool cleaning or decreased

performance will occur. Also, any slick or glossy metal should be roughened with sandpaper or other abrasive prior to painting. Adhesion and performance are dependent on the degree of substrate preparation.

PREVIOUSLY PAINTED SURFACES: Remove all rust, rust scale, other corrosion products, loose, or heavy chalk and loose or scaling paint by "Hand" or "Power Tool Cleaning" (SSPC-SP2-63 or 3-63, respectively). Sand or "Brush Blast" (SSPC-SP7-63) any glossy areas until dull. Spot prime bare areas as recommended. Always test for wrinkling by applying to test area and then checking for adhesion.

APPLICATION

Conventional or airless spray. Brush small areas only.

THINNING

Use up to one quart of TCI's R-688 Reducer per gallon. If atmospheric conditions cause these products to give overspray or not hold a sufficient wet edge, then the addition of TCI's R-088 Hot Weather Retarder (not to exceed one pint per gallon) will help to control performance. Excess thinning will reduce the hiding power.

HANDLING PRECAUTIONS

WARNING: *Flammable!*

Keep away from heat or open flame.

Use with adequate ventilation.

Avoid prolonged or repeated contact with skin and breathing of vapor or spray mist.

Do not take internally.

Close container after each use.

For industrial use only.

These products and any recommended thinner contain solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during all storage, handling, use and drying periods. For best results and safest usage, user is specifically directed to consult the current "Material Safety Data Sheet" for this product. When using this product in a confined space or closed area, consult the current OSHA or ANSI bulletins on safety requirements.

When applying coatings by spray equipment, observe all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with the manufacturer's recommendations. If precautions are not taken, spraying of any material can be hazardous. When using or handling spray equipment, hoses and the like, observe all required safety practices. In addition, when spraying paint or coatings, wear a respirator recommended for the product being handled. In all cases wear protective eye equipment. Before using the products listed herein carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels.