

# SP97 Bonding Primer

## PRODUCT DATA SHEET



### FINISH DESCRIPTION

#### SP97 / Waterbase Bonding Primer

SP97 is a high quality, waterbased, bonding primer. SP97 has been formulated with an acrylic resin to provide excellent adhesion over a variety of slick, glossy and hard interior surfaces. All Zolatone primers are designed to be used in conjunction with Zolatone finishes. All Zolatone finishes require a white untinted primer to ensure coverage, color accuracy and performance characteristics.

#### Interior Surfaces

- Plastics and Wall laminates
- Glossy surfaces - Ceramic tile, Glazed block
- Metal
- Fiberglass
- Masonite
- Glass
- Previously painted surfaces - Epoxy, other gloss surfaces

### TECHNICAL DATA & CHARACTERISTICS

|                            |  |
|----------------------------|--|
| <b>Color</b>               | White DO NOT TINT (All Zolatone finishes require white untinted primer)                  |
| <b>Coverage Rate:</b>      | 300 - 400 sq ft / gal depending on surface porosity, texture and application             |
| <b>Dry Time:</b>           | Touch: 30 minutes, Recoat: 1-2 hours   |
| <b>Dry Film Thickness:</b> | Average .8 - 1.0 mils.   |
| <b>Solids by Volume:</b>   | 47%  |
| <b>Weight per Gallon:</b>  | 10.60-10.80 lbs.   |
| <b>Specular Gloss:</b>     | Flat (@ 60° angle).  |
| <b>DOT Shipping Class:</b> | Not regulated  |
| <b>VOC Content:</b>        | 60 g/L   |
| <b>Service Temp:</b>       | Min. 50°F Max. 85°F  |
| <b>Flash Point:</b>        | Not applicable   |
| <b>Caution:</b>            | Protect from freezing. Do not apply when temperature of paint or surface is below 50° F. |

### SURFACE PREPARATION

#### General Surface Preparation

Surfaces should be clean, dry and free of dust, grease, wax or other contaminants. Existing peeled or checked paint should be scraped and sanded to a sound surface. All substrates and surfaces where adhesion is a concern need to be properly prepared. Recognize that incorrect surface preparation may compromise the service length of the desired Zolatone Finish system.

#### Testing

Adhesion testing and substrate compatibility is the Contractor or Painter's sole responsibility. On hard, slick, glossy, or otherwise hard to paint surfaces, after preparing the surface, apply a test area of this primer, allow to dry properly and test for adhesion. Sanding or dulling with an abrasive cleaner or etching cream is recommended on glossy, extremely hard surfaces for maximum adhesion.

Stains from heavy water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate stain blocking or primer/sealer.

## SURFACE PREPARATION

Due to the wide variety of substrates, surface preparation methods, application methods, and environments, one should test the complete system for adhesion, compatibility and performance prior to full scale application.

### **Aluminum and Galvanized**

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, wire brush, or other abrading methods.

### **Ceramic Tile/ Glazed Block and Brick/ Porcelain**

After removing all surface contamination, the surface should be scuff sanded or scrubbed with an abrasive cleaner or acid etched with etching cream to dull the surface for best adhesion.

- Tile - Tile, laminate, ceramic and plastic tiles, and similar glossy surfaces, must be free of all oil, grease, and soap residue.
- Glass - Apply SP97 directly to glass that has been thoroughly cleaned.

### **Plastic/Vinyl/PVC/Fiberglass/ Formica**

After removing all surface contamination, the surface should be scuff sanded or scrubbed with an abrasive cleaner to dull the surface for best adhesion.

Plastic: Due to the diverse nature of plastic substrates, a coating or coating system must be tested for acceptable adhesion to the substrate prior to use in production. Reground and recycled plastics along with various fire retardants, flowing agents, mold release agents, and foaming/blowing agents will affect coating adhesion. Please consult your Zolatone representative for system recommendations.

## APPLICATION INFORMATION

|                 |   |
|-----------------|---|
| <b>Method</b>   | Spray applied - Airless Equipment or Conventional Equipment. Apply only when surface temperature is above 50°F. Only use when humidity is below 50°F or humidity is above 85% may prevent product from forming a continuous film and may result in poor adhesion. |
| <b>Tinting</b>  | Do not tint primer.   |
| <b>Thinning</b> | Not required. If absolutely necessary reduce with a slight amount of water. Be careful not to over-thin, as a loss of hide and longer dry time will result.   |

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Zolatone Interior Finishes  
2777 Eagandale Boulevard  
Eagan, MN 55121  
www.Zolatone.com  
800.765.6699