



# LIFE PAINT

PRODUCT SPECIFICATIONS



## CLEAR SEALERS

### 4001 GLOSS/ 4002 SATIN URETHANE/ACRYLIC SEALER

**Description:** Life Deck Sealer Glaze is a premium quality crystal clear acrylic urethane that provides a tough, durable surface.

**Advantages**

- \* Light Chemical Resistant
- \* Stain Resistant
- \* Abrasion Resistant
- \* Non Yellowing
- \* Repels Oil, Grease, & Water

**Uses**

For interior and exterior surfaces. May be applied over Life Deck FM, AL, TC and MC System Decking Systems.

- \*Concrete Floors                   \*Walk ways
- \*Patios                                \*Pavers
- \*Brick Walls                         \*Wood

**Finish:**           4001 Gloss, 4002 Satin

**Package Size:** Quarts, Gallons & 5 Gallons

**Color:** Clear

**Surface Preparation:** Clean the floors to be coated by removing any oil, grease, or other contaminants that might interfere with the proper adhesion of the 4001 or 4002 Acrylic Urethane. Ensure that floors are structurally sound and fully cured a minimum of 28 days. Test the floor for vapor drive in accordance with ASTM D4263. Mechanical profiling is the preferred floor-preparation method. Mechanically profile the floor to a medium-grit sandpaper texture and remove curing and parting compounds and other surface hardeners and floor coatings. Acid may be used to etch bare concrete floors to the proper profile when mechanical abrasion is impractical. Make sure the surface is thoroughly clean before etching. Etch all unpainted cement with 1 part 10% muriatic acid to 1 part water. Allow to stand 10-15 minutes then rinse clean with water. After etching, neutralize acid with baking soda or soda ash then rinse thoroughly with water. A properly etched concrete surface should resemble the texture of fine or medium sandpaper. Let dry thoroughly before applying coating.

**Test area:** Apply a test area to ensure proper appearance and adhesion.

**Application Specifics:** Important weather guidelines:

1. Apply on warm, clear, sunny days.
2. Do not apply under foggy conditions.
3. Do not apply when rain is forecast within 24 hours.
4. Do not apply if temperatures are expected to drop below 50°F within 24 hours.
5. **Apply 2 thin coats for best results.**  
(Use 1/4" or 3/8" nap roller cover).

**Coverage:** Life Deck Single Component Aliphatic Urethane Sealer Top Coat may be rolled, brushed or sprayed. The coverage will vary with surface porosity and profile. You can expect up to 400 square feet per gallon on a smooth surface and between 250 to 350 square feet per gallon on a rough surface. For best results apply two thin coats.

**Application:** Brush, roll or spray. DO NOT SHAKE. Shaking will cause air bubbles. Stir gently and thoroughly before application. This product appears milky when wet, but dries rapidly to a beautiful clear coating.

**IMPORTANT:** Do not apply late in the day or when dew, rain, fog or mist is likely (moisture will damage the fresh paint film). Apply at temperatures above 50 degrees F. Do not apply if temperatures below 45 degrees are expected within 24 hours. Cold weather or excess humidity or a sudden temperature drop will greatly affect any finish at the time of application. Dampness can dull the gloss. Do not paint in direct sun. Use a clean brush or roller. For maximum durability, we recommend at least two thin coats.

**Drying Time:** Dries within 30 minutes and can be recoated in 4 hours. Ready for use 12 hours. Drying time will vary with weather conditions, air circulation and temperature.

**Thinning:** Thinning is not recommended.

**Clean-up:** Clean tools and hands with warm soapy water and rinse thoroughly.

**WARRANTY:** When the warranted product is applied in accordance with label instructions and common sense widely accepted painting practice and procedures, Life Paint will warrant said product against manufacturing defects that might cause premature failure such as blistering, peeling, or unusual wear. Directions are as complete as possible but cannot encompass all conditions, applications, and/or surfaces beyond manufacturer's control. In the event of a warranted failure and upon the presentation of proof of purchase, the remedy will be the provision price for said product. This warranty does not include labor or the costs associated with labor. This warranty may not be transferred or assigned and extends specific legal rights which may vary from state-to-state. No other warranty is expressed or implied.

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## **FILM PROPERTIES**

### **Drying time: (70°F, 50% RH)**

Set to touch	< 15 min
Tack-Free	< 20 min
Dry Hard	< 30 min
Pencil Hardness	HB
Direct Impact	>160
Reverse Impact	>160
Taber Abrasion	50.5 mg

**60° Gloss (ASTM D-1308):** > 90

**Contrast Ratio (ASTM 2805):** > 90

### **Adhesion:**

Dry Tape Test (ASTM D-3359)	5A
Dry Scrape Adhesion (ASTM D-2197)	9 kg
Wet Tape (24 hr/70°F)	5A
Wet Tape (4 days/70°F)	5A

### **Weathering:**

QUV - "B Bulb" (1000 hr)  
(ASTM D-4587-91) >92% gloss retention,  
1.6 Delta E color change

Xenon Arc (1000 hr) (ASTM G-26-92)  
>94% gloss retention,  
0.9 Delta E color change

### **Heat Resistance (24 hr/250°F):**

Delta E color change <2.0

## **CHEMICAL RESISTANCE (ASTM D-1308)**

Hydraulic Fluid (24 hr/150°F)	Pass
Acid, 5% H <sub>2</sub> SO <sub>4</sub> Spot, pH=0.6	No effect after 24 hr
Base, 5% NaOH Spot, pH= 13.5	No effect after 6 hr
Water Immersion (24 hr/70°F)	Pass

### **5 Minute Spot Test**

Gasoline (87)	OK
Diesel Fuel	OK
Brake Fuel	Dissolve
Skydrol	Softening*
Xylene	OK*
10% Acetic Acid	OK
10% HCL	OK
Methanol	OK*
Ammonia	OK

### **1Hour Spot Test**

Gasoline (87)	OK
Diesel Fuel	OK
Brake Fuel	Dissolve
Skydrol	Softening*
Xylene	OK*
10% Acetic Acid	OK
10% HCL	OK
Methanol	OK*
Ammonia	OK

\* Loss of Gloss

## **Cleveland Cabinet Humidity Resistance**

(100F, 100% RH,700 hours)

Blistering (ASTM D714)	Few, #8
Loss in Gloss	No Effect