



# LIFE PAINT

## PRODUCT SPECIFICATIONS



### CLEAR SEALERS

#### LDGPD GLOSS & SATIN

**Description:** Life Paint's Life Deck Grafted Polymer Dispersion (GPD) is an extremely versatile clear sealer and concrete coating. The excellent water, alkali, and efflorescence resistance of this product, in combination with its exterior durability and its ability to adhere to a variety of substrates, allow it to be used in many applications. Life Paint's Life Deck GPD is a chemical resistant top coat with excellent alkali and hot tire resistance.

#### Advantages

- Hot-Tire Resistant
- Abrasion resistant
- Fast drying
- Chemical resistant
- Easy to use
- Stain & UV Resistant
- SCAQMD VOC Compliant
- Qualifies for LEED IEQ Credit 4.2
- Non-Yellowing
- Good Efflorescence Blocking
- Good Early Blush Resistance

#### Uses

For interior and exterior surfaces.

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

**Finish:** LDGPD Gloss, LDGPDS Satin

**Package Size:** 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 Life Deck GPD. 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). Life Deck GPD can be applied using a paint brush, 1/4" nap roller, or spray gun. For heavier textures, use a 3/8" nap roller cover. 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.

**Note:** If applying Life Deck GPD Satin over a porous substrate, ALWAYS prime the surface first with 1 coat of GPD Gloss. Otherwise, the flattening agents in the Satin may leave an unwanted, hard, white crust if allowed to penetrate.

**IMPORTANT:** Clear sealers and top coats may change the color of the substrate. Apply a sample area of the surface prior to application to determine the extent of the color change. Be sure the sample area is completely dry before making your determination. When applying, it is important to apply material in two thin coats. Applying material too heavily may result in the finish having a milky appearance. Life Paint Company is not responsible for color change and appearance once the finish is applied. 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 40 degrees F. Do not apply if temperatures below 40 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 hot sun. Use a clean brush or roller. For maximum durability, we recommend at least two thin coats.

**Coverage:** Life Deck GPD may be rolled, brushed or sprayed. The coverage will vary with surface porosity and profile. You can expect 300 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.

# LDGPD GLOSS & SATIN

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**Drying Time:** Dries within 30-45 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 can be done with up to 20% water.

**Clean-up:** Uncured material can be removed with a soap and warm water. All empty containers must be disposed of according to local, state, and federal regulations. Clean tools and hands with warm soapy water and rinse thoroughly.

**Storage:** Life Paint has determined that the shelf life of Life Deck GPD is twelve months from the date of manufacture when the product is stored between temperatures of 45 °F to 80°F in its original, unopened packaging. Life Paint's Life Deck GPD must be protected from freezing in its original form of supply.

**Safety:** Before using this or any other Life Deck product, please consult the SDS. Always wear protective clothing, eye protection, and filtered masks when mixing or using product. Wash hands after using products. Keep away from children. Material contains no ingredients which are required to be listed by OSHA per 29 CFF 1910, 1200.  
KEEP OUT OF REACH OF CHILDREN  
NON-PHOTOCHEMICALLY REACTIVE (Less than 4%)

**WARRANTY:** Life Paint guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. Life Paint makes no other warranty, expressed or implied, and all warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product. Manufacturer shall not be liable for material used outside of its shelf life. For product dating, please refer to the batch number on the product or contact Life Deck.

## **FILM PROPERTIES**

**Drying time: (70°F, 50% RH)**

Set to touch	<
15 min	
Tack-Free	<
20 min	
Dry Hard	<
30 min	
Gloss Level:	
Gloss	85 +/- 5
Satin	25 +/- 5
Taber Abrasion ( <b>ASTM D4060-95</b> )	88 mg

## **Cross-Hatch Adhesion**

* Dry Concrete	
Excellent	
* Wet Concrete	Very Good
Efflorescence Resistance	Very Good
Blush Resistance	Excellent
Hot Tire Pick Up Resistance	Very Good

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

LDGPD Cured 1 Week  
Test Performed After 60 Minutes of Contact  
(0=Worst, 10=Best)

Water	10
Alkali	10
Transmission Fluid	9
Gasoline	8
Formula 409	9
Motor Oil	9
Brake Fluid	5
Chlorine	8
Mustard	9
Grape Juice	10