LIFE SPECIALTY COATINGS Est. 1963

TOP COAT & SEALERS TECHNICAL DATA SHEET

LDGPD
CLEAR SEALER GLOSS & SATIN

DESCRIPTION
Life Specialty Coatings 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 Specialty Coatings GPD is a chemical resistant top coat with excellent alkali and hot tire resistance.

USES, FEATURES & BENEFITS
For interior and exterior surfaces.

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

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

PACKAGE SIZE:
- Gallon
- 5 Gallons

COLOR/FINISH:
- LDGPD Clear Gloss
- LDGPDS Clear Satin

TECHNICAL & PHYSICAL PROPERTIES

FILM PROPERTIES	
Appearance	Off White
Solids Content (By Weight)	31%
Weight/Gal	8.5 lb/gal
Dynamic Viscosity Brookfield RVT, Spindle 2, 50 RPM	150-250 cP
Set to Touch	<15 Min
Tack-Free	<20 Min
Dry Hard	<30 Min
Gloss Level	Gloss 85 +/- 5 Satin 25 +/- 5
Taber Abrasion (ASTM D4060-95)	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

DIRECTIONS:
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 Specialty Coatings 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: 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 Specialty Coatings GPD can be applied using a paint brush, ¼" 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. Appling 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 Specialty Coatings 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.

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 Specialty Coatings has determined that the shelf life of Life Specialty Coatings 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 Specialty Coatings 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 e listed by OSHA per 29 CFF 1910, 1200. KEEP OUT OF REACH OF CHILDREN NON-PHOTOCHEMICALLY REACTIVE (Less than 4%)

WARRANTY: Life Specialty Coatings 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 Specialty Coatings.

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

DISCLAIMER: All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and LIFE PAINT makes no claim that these tests or any other tests, accurately represent all environments.

Warranty: When the warranted product is applied in accordance with this technical data sheet, label instructions and common sense widely accepted painting practice and procedures, Life Specialty Coatings 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 warrantee is expressed or implied. Life Specialty Coatings Company, Santa Fe Springs, CA (800)400-0516