



# LIFE PAINT

## PRODUCT SPECIFICATIONS



### CONCRETE RESURFACING

#### SMOOTH

**Description:** Life Deck Cement is a polymer modified cementitious coating system with (optional) integral color and a clear top coat. It is designed to change smooth concrete into a decorative, durable finish. Areas of use: driveways, walkways, patios, garage floors, courtyards, entryways, interior floors, restaurant floors, showrooms and pool decks.

#### Advantages

- Cost Effective
- Fast Drying
- Safe - No Solvents
- Variety of Textures (Optional)

#### Packaging

LD81 Cement Modifier

1 gal. & 5 gal. pails

LD1 (grey) LD 5 (light grey) & LD 2 (white) Cement  
50 lbs. Bags

**Inspection:** Concrete must be clean, dry and free of grease, paint, oil, dust or curing agents. It should have a rough broom finish or be porous and feel like 30 grit sandpaper. Drainage problems or puddling must be corrected prior to the installation of Color Wash. The concrete must be a minimum of 2500 psi, 3-1/2" thick and meet local building codes.

**Surface Preparation:** Cut open cracks (with diamond crack chaser) and cut and remove any existing joint sealant. Clean the concrete surface with at least 3000 psi water blast to abrade. An acid wash may be necessary to help create a profile. Make sure to properly neutralize with a weak ammonia or baking soda solution and rinse several times and water blast. Sand blasting, shot blasting or grinding may be necessary if the concrete surface has paint or other foreign material on the surface which may prevent proper adhesion. Pressure wash the surface to remove all debris.

**Primer:** In a clean, dry container, mix four gallons of water with one gallon of LD 81 (for a total of 5 gallons) and apply it at a rate of 200-300 square feet per gallon. Roll or spray primer over the area to be covered. Life Deck 25 Series primer may be used

as well and presents a stronger bond between cement surface and Life Deck Cements. (See 25 Series specification).

#### Application: Crack Patch

Cut open small cracks and fill with Life Deck 7200 self-leveling or 7200p 100% Solids Epoxy Paste. Life Deck Seam Tape may also be used to help reinforce, in which case the 7200p should be troweled into the tape and smoothed. Broadcast fine silica onto the wet epoxy to provide a surface for the cement to bond. This remedial approach to patch cracks is not guaranteed and applicator should consider incorporating cracks into a pattern as recommended later in this specification.

**Slurry Coat:** The slurry coat is designed to smooth out imperfections in the surface. Immediately after primer is dry, mix the slurry coat by combining 1 bag of LD1 (LD-5 for light grey or LD-2 for white) cement into 1 gallon of LD81 acrylic and up to 1/2 gallon of water. Mix thoroughly with a low rpm drill motor. Trowel the slurry mix over the surface to achieve a smooth finish. Coverage of the slurry coat is approximately 100-150 square feet per batch. Using a wet brush, feather all outside edges, seams, cracks and expansion joints. Apply the slurry coat continuously, keeping a "wet edge", blending each new mix into the prior mix. Stop only at existing seams or cracks in the concrete. If you trowel material into the crack or seam, use a margin trowel or back of a chip brush to clear the material out of the crack or seam and to identify for cutting later. Reapply slurry as needed to smooth all surfaces. After the surface is dry, scrape or grind off any ridges or trowel marks.  
Tips: Do a small sample area before you begin.

**Top Coat:** Once the slurry is dry enough to walk on, mix the top coat by combining 1 bag of LD2 (LD-5 for light grey) cement into 1 gallon of LD81 acrylic and up to 1/2 gallon of water. Mix thoroughly with a low rpm drill motor. Trowel the mix over the surface to achieve a smooth finish. Coverage of the top coat is approximately 125-150 square feet per batch. Using a wet brush, feather all outside edges, seams, cracks and expansion joints. Apply the top coat continuously, keeping a "wet edge", blending each new mix into the prior mix. Stop only at existing seams or cracks in the concrete. If you trowel material into the crack or seam, use a margin trowel or back of a chip brush to

# SMOOTH

---

clear the material out of the crack or seam and to identify for cutting later. After the surface is dry, scrape or grind off any ridges or trowel marks.

**Seal Coat:** Apply a Life Deck Clear Sealer or 10 series for solid color or 20 series for stain.

## **Limitations**

- This spec is not intended as a waterproof deck coating.
- Intended for use by a factory trained professional applicator
- Do not install if the temperature is below 55° or above 95°.
- Rain may wash away uncured Life Deck acrylic products. If inclement weather threatens, cover deck to protect new application. Do not allow any Life Deck product to FREEZE.

**Clean Up:** Uncured material can be removed with water or solvent. Cured material can only be removed mechanically. Always protect from over spray.

**Maintenance:** Most stains clean up with TSP and water. Use a bristle scrub brush and a pressure washer with 3000 psi. Rinse thoroughly. The cement and finish should be resealed with appropriate Life Deck Sealer every 2 to 4 years depending upon ultraviolet exposure from the sun and traffic.

**Repair:** Repairs may be done by grinding off the damaged area and replacing the material as written in this specification. Impressions if inclement weather (rain or snow) threatens within 48 hours of target finish time.

**Clean Up:** Uncured material can be removed with water or solvent. Cured material can only be removed mechanically.