



# LIFE™

## Product Specifications



## Concrete Patch

### Description

Concrete patch is a combination of LD 1 or LD 3 Cement, LD 81 Cement Modifier and an aggregate such as #2 Monterey Sand.

### Uses

Life Deck Concrete Patch is used to fill holes in concrete or Magnesite under Texture Crete or the FM system. It can also be used to slope or build up low areas before installing Texture Crete or the FM system.

### Advantages

- ✓ Fast Drying
- ✓ Minimal Shrinkage
- ✓ Crack Resistant
- ✓ Inexpensive
- ✓ Water Resistant
- ✓ Easy to Use

### Inspection

Surface must be structurally sound, dry and free of oil, grease, curing agents, dirt, dust or other foreign matter. Surface must be roughed up or porous.

### Surface Preparation

Remove all loose, cracked or broken material and rough up the surface to be bonded. Rough-up especially well those areas to be sloped and feathered. If the surface is not porous, the material may not bond well.

### Primer Requirements

The surface should be primed using a mixture of 1 part LD81 Cement Modifier and 1 part water. It is not necessary to wait for the primer to dry completely.

### Coverage

Coverage for the patch material will vary depending on the thickness of the patch. One batch of Concrete Patch will equal approximately:

- 1/2 cu ft
- 3 sq. ft @ 2"
- 6 sq. ft @ 1"
- 12 sq. ft @ 1/2"

### Mixing

For 1 batch combine 1 bag of LD 1 with up to 25 lbs. of #2 Monterey Sand. Add 1/2 gallon of LD 81 and approximately 3/4 gallon of water. Mix in a wheel barrow, cement mixer or cut batch in 1/2 and mix in 5 gallon bucket with a jiffy mixer. Amount of water may be varied to reach desired consistency. LD 3 may be used if a finer texture is desired. LD 3 is a lighter color than LD1.

### Application

Place the mixture into or onto the area to be patched or sloped. Using a screed, hand float or trowel, level and smooth the material. After material has hardened, scrape off loose or uneven material.

### Optional Slurry Coat

If the patch is uneven or if it cracks and requires additional smoothing or feathering, you may apply an additional slurry coat. The slurry coat is made of 1 bag of LD1 and 1 gallon of LD81 along with approximately 1 qt of water. Using a trowel, smooth uneven surfaces. Using a wet paintbrush, brush to smooth all edges. When the slurry is dry, scrape or sand to smooth any rough spots. This process is demonstrated in the Texture Crete and Life Deck AL videos.

# Concrete Patch

## Drying Time

Concrete Patch drying time will vary depending on thickness of patch; amount of water added temperature and humidity. In general, allow 4-6 hours drying time for a 1" thick patch at 70°. Thinner patches in warmer temperatures may dry in a few minutes. In high temperature and low humidity it may be helpful to moisten patches by sprinkling with water or by covering with wet rags to help keep them from drying too fast and cracking.

## Temperature/Weather

Do not install this product below 50° or above 90°. Do not apply it rain is forecast within 24 hours. Do not allow LD81 Cement Modifier to freeze.

## Clean Up

Uncured material can be removed with soap and water. Cured material can only be removed mechanically.

### Technical Data

Pot life	4 hrs.
Gloss, 60°spec, 1 day	>90
Gloss, 60°spec, 4 day	>90
Mix Ratio	1 :1
Mixed Viscosity	290 cps
Tack Free Time	1 hr.
Hard Dry Time	6-8 hrs.
Pencil Hardness, overnight	HB
Pencil Hardness, 7 overnight	H
Cross hatch Adhesion	5
1/8 inch Mandel Bend	Pass
Direct Impact Resistance	60 inches/lbs.
Reverse Impact Resistance	20 inches/lbs.
VOC	1.6 lbs./gal.
Volume Solids	41%
PVC	19.9%

### Typical Properties

Viscosity, @ 77°F, cP	3 0,000
Specific Gravity	1.094
Density (lb/gal)	9.11
Flash point,°F	>200
AHEW(theoretical)	200
Nonvolatile, %	70
Volatile	Water

### Chemical Resistance

10% HCL	No effect
10% Nitric	No effect
28% Sodium Hydrodioxide	No effect
5% Acetic	8D Blisters
Gasoline	No effect
Brake Fluid	Slight softening
Skydrol LD4	Slight softening
5% Tide solution	No effect
2% Aqueous Pine Sol Solution	No effect