



LIFE™

Product Specifications

LD-1, 2, 3 & 5 Cements



Cement Powder

Description:

Special formulated Portland cement blended with a variety of silica sand and proprietary additives. LD-1 (Grey) for Base, LD-2 (white) for smooth texturing, LD-3 (Grey) for texturing in standard knock-down and LD-5 (natural concrete Grey) for grout lines, texturing or broom on system.

Uses:

LD-Cements are primarily used in conjunction with LD-81 acrylic modifier and 1589 base coat to waterproof decks, resurface and patch concrete and for a variety of exterior decorative concrete treatments. Please read complete system information sheets on Life Deck AL, MACoat, Texture Crete or Concrete Patch if choosing to apply these systems.

Advantages of our Cements mixed with our LD-81 or 1589

- ✓ High strength
- ✓ Good working time
- ✓ Cement products can to be feathered
- ✓ Excellent adhesion to most surfaces
- ✓ Helps to waterproof and increase water resistance
- ✓ Safe Waterbased- No Solvents
- ✓ Can be made very flexible
- ✓ Tested for freeze-thaw characteristics
- ✓ LD-1 passes 1 hour and Class A fire test
- ✓ LD-1 meets ICC Criteria (see ER-5416)

Packaging:

All cements come in 50# bags and 56 per pallet

Inspection and Preparation:

Surface must be meet requirements of the Life Deck system being applied as well as local building codes.

Surface Application:**For Small Patches**

Cut or chip open cracks or voids and clean as described in previous section. Mix one gallon of LD-81 with about 50lbs of your chosen cement mortar, stucco or LD Cement such as LD-1, 2, 3, or 5. Combine the LD-81 and powder and add water to desired consistency. Mix thoroughly with a low rpm drill motor. Place the material into the area to be patched and smooth or finish to desired effect using a trowel or float. This remedial approach to patch cracks is not going to keep the crack from reoccurring.

For Larger Patches:

Use as noted above and add small clean aggregate to the mix to strengthen and minimize shrinkage. Do not exceed 50% of the volume of the cement mix. It is suggested that the amount of LD-81 be reduced by up to 50% and to increase the water accordingly to aid in workability.

Freshen up Concrete:

Combine 1 bag of LD 5 cement into 1/2 gallon of LD 81 acrylic and up to 1 gallon of water to achieve the desired consistency. Mix thoroughly with a low rpm drill motor. Pour the mix onto the surface and squeegee or trowel into place, generally as thin as possible. Immediately, using a push broom, broom through the material leaving the desired finish. A small paintbrush may be used to pre-brush and feather edges. Be sure to feather to all expansion joints. If no broom finish is desired, surface may be simply troweled smooth or to desired texture. After the surface has hardened enough to walk on (usually 1-4 hours) scrape the surface to remove unwanted material. Surface should be sealed with Life Deck 4001. See complete Texture Crete Broom-On system information sheet.

As a Decorative Waterproof Coating:

Combine the LD-81 as prescribed in the system information sheets for Life Deck AL or MACoat waterproof decking system and Texture Crete concrete resurfacing system. For more information on these systems ask your distributor for an instructional video to view.

Drying Time:

Allow 4 to 6 hours drying time before permitting light pedestrian traffic. For best results, allow to cure 24 hours before direct traffic is permitted or additional coats are applied. Allow an additional 24 hours before heavy objects are placed on the surface.

Limitations:

- ✓ Please read manufacturer's complete system information sheet before beginning your project.
- ✓ Do not use the LD-81 and/or LD Cements if the temperature is below 55° or above 95°.
- ✓ Rain may wash away uncured Life Deck cementitious products. If inclement weather threatens, cover deck to protect new application. Do not allow any Life Deck cement to come into contact with moisture.

Clean Up:

Uncured material can be removed with water or solvent. Cured material can only be removed mechanically.

Repair:

Repairs may be done by grinding off the damaged area and replacing the material as written in this product information sheet.