

LIFE

SPECIALTY COATINGS

LD 1, LD 2, LD 3, LD 5

Waterproofing & Overlay Cements

Technical Data Sheet

Cements

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 finishes texturing, LD-3 (Grey) for texturing in standard knock-down and LD-5 (natural concrete Grey) for grout lines, texturing or broom on system. For patching and sloping, see LD10 specification.

PACKAGING:

All cements come in 50# bags and 56 per pallet

ADVANTAGES:

- * High strength
- * Good working time
- * Cement products can to be feathered
- * Excellent adhesion to most surfaces
- * Helps to waterproof and increase water resistance
- * Safe Water based - No Solvents
- * Can be made very flexible
- * Tested for freeze-thaw characteristics
- * Green, LEED Compliant

USES:

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

SURFACE PREPARATION:

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

Freshen up Concrete: Combine 1 bag of LD 5 cement into 1 gallon of LD 81 acrylic and up to 1/2 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. See complete Texture 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 MC System waterproof decking system and Texture Concrete Overlay systems. For more information on these systems call Life Paint at (562) 944-6391 for technical help and recommendations.

DRY 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.

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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 uncured 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 or specific application system specification sheet.



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