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Desert Brand Desert Flex Deck Restoration System

Description

Desert Flex is a deck restoration system that is designed to restore the original integrity of an existing walking deck system plus increase its' waterproofing characteristics. Desert Flex will also enhance the overall aesthetic appeal of any building.

The Desert Flex System utilizes high quality acrylic resins combined with premium fiberglass reinforcement followed by a handsome knockdown trowelled finish.

Desert Flex is designed for use upon such existing deck systems as **concrete, polymer modified concrete, pre-sealed magnesite, elastomeric and other various proprietary systems**. Desert Flex may also be used as a top coat system to the Desert Crete System (subsequent to second Desert Crete Base application).

Instructions for Use

Existing deck surfaces must be dry, clean, free of grease, oil, dirt, wax, or other foreign matter. Make certain that previously applied coatings or deck systems are secure prior to installation. Use Desert Crete Base/Underlayment with Desert Crete Liquid Polymer for repairs and sloping requirements.

Method of Application

1. Apply Bonder 480 and fiberglass matting to the existing deck surface as described in Technical Bulletin for Bonder 480 (TB 112). Allow 24 hours for drying before proceeding.
2. Apply a thin-trowelled application of Desert Crete Texture, thoroughly mixed with Desert Crete Liquid Polymer, upon the dried Bonder 480 and fiberglass surface. Desert Crete Liquid Polymer must be used without diluting with water. Allow thin-trowelled application to dry thoroughly before proceeding (1-2 hours, depending upon conditions).
3. Apply Desert Crete Texture, thoroughly mixed with Desert Crete Liquid Polymer, by using a pneumatic hopper gun equipped with a 1/8" orifice and a medium setting in the circular spray plate. The recommended air pressure for application is between 30-40 psi. Allow 5-10 minutes before knocking down the splattered texture with a steel trowel. Allow 1-2 hours for drying before proceeding.
4. Apply 1-2 coats of pigmented Desert Brand Concrete/Masonry Floor Paint and Sealer (CMFPS). Allow 24-48 hours between coats. Periodically maintain system by applying a coat of pigmented CMFPS.

Coverage

Approximately 1-1/4 gallons of Desert Crete Liquid Polymer will be necessary to mix with 50 lbs. of Desert Crete Texture, depending upon methods, applications and environmental conditions.

This combination will cover approximately 150-250 square feet. Desert Crete Liquid Polymer must be used without diluting with water.

Precautions

Do not allow Bonder 480, Desert Crete Liquid Polymer, or CMFPS (Sealer) to freeze. If allowed to freeze, material will not thaw to a useable product.

For best results, all materials are recommended to be used when the temperature is between 50° and 85° F. When the temperature is greater than 85° F, Bonder 480, Desert Crete Liquid Polymer and CMFPS (Sealer) will dry faster.

It is recommended to keep the surface of the steel trowel damp with water while knocking down the splattered texture. When the temperature is greater than 85° F, knocking down the splattered texture will be required within 3-5 minutes.

Thoroughly clean all tools with water immediately after use. Dried material on any tool surface or other surrounding surfaces will not easily be removed.

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