



Decking and Sealer Products Since 1923

Desert Crete Flex Restoration System

Technical Bulletin

Desert Crete Flex Deck Restoration System is designed to restore the original integrity of an existing walk deck system plus 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 troweled finish.

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

CLEAN SURFACE:

- Existing deck surface must be dry, clean, free of grease, oil, dirt, wax, or other foreign matter.

PREPARE SURFACE:

- Make certain that the bond to any previously applied coatings or deck system are secure prior to installation.
- Use Desert Crete Level Max 20/30 with Desert Crete Polymer 550 for repairs and sloping requirements.

APPLICATION:

- Apply Bonder 480 and fiberglass matting to the existing deck surface as described in Technical Bulletin for Bonder 480 (TB112).
- Allow 24 hours for drying before proceeding.
- Apply a thin-troweled application of Desert Crete Texture, thoroughly mixed with Desert Crete Liquid Polymer, upon the dried Bonder 480 and fiberglass surface.
- Allow thin-troweled application to dry thoroughly before proceeding (1-2 hours depending upon conditions).
- 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. Recommended air pressure for application is between 30-40psi.
- Allow 5-10 minutes before knocking down the splattered texture with a steel trowel, 3-5 minutes if temperature is greater than 85°F (keep the surface of the steel trowel damp with water while knocking down the splattered texture).
- Allow 1- 2 hours for drying before proceeding.
- Apply 1-2 coats of Desert Brand CMFPS, Desert Brand Master Seal WB, or Desert Brand Master Seal sealer.
- Allow 24 hours dry time between coats.

MIXING AND COVERAGE

<u>Desert Crete Product</u>	<u>Liquid Mix</u>	<u>Coverage</u>
Texture (50 lbs.)	Polymer 550 (1-1 ¼ gal.)	~200 sq. ft.
Bonder 480 (50 lbs.)		~50 sq. ft.
Level Max 20/30 (50 lbs.)	Polymer 550 (1-1 ½ gal.)	~50 sq. ft./gal at 1/8" thick

For additional information, please refer to Safety Data Sheet (SDS).

- Drying and recoat times are dependent on temperature, humidity and film thickness.
- Periodically maintain system by applying a coat of Desert Brand CMFPS, Desert Brand Master Seal WB, or Master Seal sealer.

PRECAUTIONS:

- All materials are recommended to be used when temperature is between 50° and 85°F.
- Desert Crete Liquid Polymer must be used without diluting with water.
- Do not allow Bonder 480, Desert Crete Liquid Polymer, and Desert Brand CMFPS, Desert Brand Master Seal WB or Desert Brand Master Seal sealer to freeze.
- Foot traffic should remain off of the sealed surface for 24 hours. Heavy foot traffic, allow 72 hours.

CLEANING OF EQUIPMENT:

- Thoroughly clean equipment and hands with mild liquid detergent and water immediately after use.
- Disposal of any unused material must comply with local, state, and federal regulations.

The information in this technical bulletin is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose. Sales specifications, although current at time of publication, are subject to change due to process improvements. For latest product specifications, contact our nearest sales office.

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