



Decking and Sealer Products Since 1923

Desert Flex Restoration System

SPECIFICATIONS

1.0 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 utilizes high quality acrylic resins combined with premium fiberglass reinforcement followed by a handsome knockdown finish.

2.0 MANUFACTURER

Desert Flex is manufactured by Hill Brothers Chemical Company, Orange, CA (714) 998-8800.

3.0 QUALITY CONTROL

Desert Flex shall be installed only by a contractor trained and approved in writing by the manufacturer.

4.0 MATERIALS

- 4.1 Desert Brand Bonder 480
- 4.2 Fiberglass Matting
- 4.3 Desert Crete Texture
- 4.4 Desert Crete Liquid Polymer
- 4.5 Desert Brand CMFPS

5.0 RELATED MATERIALS

5.1 Wood sub-floor must be of such design and of sufficient soundness, structural strength and rigidity, to withstand, without deflection or movement, the maximum surface conditions to which the finished floor will be subjected.

5.2 Flashings: All slider and door thresholds, jambs, posts, scuppers, walls, and fascia must have primed metal flashing in accordance with building code requirements.

5.3 Drains: Drains shall be galvanized, or as approved by the manufacturer.

6.0 SURFACE PREPARATION

6.1 All metal surfaces shall be cleaned of form oils or other bond-breaking compounds.

6.2 Drainage: Drainage is not a part of the standard Desert Flex specification and should be provided either structurally in a separate section of the specifications or included herein the form of Desert Crete Poly Base underlayment.

7.0 EXECUTION

7.1 Mixing

Mix all powder and liquids with a "Jiffy" type mixing paddle. Mix all materials for a minimum of five (5) minutes, to a smooth, lump free consistency.

7.2 Desert Crete Preparation Coat

Apply a thin troweled application of Desert Crete Texture, thoroughly mixed with Desert Crete Liquid Polymer, over the deck to prime and smooth the surface. Allow application to dry thoroughly before proceeding (1-2 hours, depending on conditions).

7.3 Fiberglass Matting

Lay fiberglass mat onto surface. Lap fiberglass 2" over flashings and 1" at seams. Cut fiberglass to fit around posts and drains.

7.4 Desert Brand Bonder 480 Application

Generously apply Bonder 480 by working into fiberglass matting. Bonder 480 is designed to penetrate and soak through the matting; thereby, adhering the matting to the surface. Allow 24 hours to dry thoroughly before proceeding.

7.5 First Desert Crete Texture Application

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 on conditions.)

7.6 Second Desert Crete Texture Application

Apply Desert Crete Texture 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.

7.7 Concrete/Masonry Floor Paint and Sealer (CMFPS)

Apply two coats of pigmented Desert Brand CMFPS. Allow 24 hours between coats.

8.0 WARRANTY

The Desert Flex Restoration System shall be guaranteed by a Manufacturer/Applicator Warranty issued by Hill Brothers Chemical Company for a period of one (1) year.

The information 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.

HILL BROTHERS *Chemical Co.*

800.994.8801

1675 N. Main St • Orange, CA 92867

LOCATIONS:

City of Industry • San Jose, CA • Phoenix • Tucson, AZ • Salt Lake City, UT

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