



Desert Crete Pool Deck Finish (PDF)

SPECIFICATIONS

Decking and Sealer Products Since 1923

1.0 DESCRIPTION

Desert Crete PDF is a cementitious based polymer modified surfacing system designed for aged or newly poured concrete pool decks. PDF is designed to create or restore pool decks with a durable and attractive finish.

2.0 MANUFACTURER

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

3.0 QUALITY CONTROL

Desert Crete Pool Deck Finish shall be installed only by a contractor trained and approved, in writing, by the manufacturer.

4.0 MATERIALS

4.1 Desert Crete Pool Deck Finish

4.2 Desert Brand Concrete/Masonry Sealer Pigmented (CMFPS Pigmented)

5.0 RELATED MATERIALS

5.1 Semi-Flexible Epoxy Resin

5.2 Polyurethane Sealant

5.3 Desert Crete Poly Base/Underlayment

6.0 SURFACE PREPARATION

6.1 Concrete or existing pool finish shall be clean, free of grease, oil, dirt, wax, or other foreign matter. Remove all loose coatings by using a hot water pressure washer. Where required, treat unpainted concrete with dilute muriatic acid to control efflorescence and to increase the porosity of the surface. Neutralize and rinse with water.

6.2 Cracks over credit-card width shall be routed and filled with semi-flexible epoxy resin.

6.3 Expansion joints shall be cleaned, primed and filled with polyurethane sealant. Remove existing caulking, wood or PVC strip. Replace wood strip with new wood.

Expansion joint system shall be designed to accommodate expansion and contraction of the slab. Saw-cut additional expansion joints where necessary to relieve stress on the slab where large cracks have occurred.

6.4 Drainage is not a part of the standard Desert Crete PDF specification and should be provided either structurally in a separate section of the specifications or included here in the form of Desert Crete Poly Base/Underlayment.

7.0 EXECUTION

7.1 Mixing

Mix all powders 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 PDF Bond Coat

Apply a troweled application of Desert Crete PDF, thoroughly mixed with water, over the concrete or existing pool deck to prime and smooth the surface. Allow troweled application to dry thoroughly before proceeding (1-2 hours).

7.3 Desert Crete PDF Application

Apply Desert Crete PDF, thoroughly mixed with water, by using a pneumatic hopper gun with a 1/8" orifice and a medium setting in the circular spray plate with an air pressure between 30-40 psi. Allow 5-10 minutes before knocking down the splattered finish with a steel trowel.

7.4 Desert Brand CMFPS

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

8.0 WARRANTY

The Desert Crete PDF 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.

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LOCATIONS:

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