



PRODUCERS OF
FLOORING AND SEALER PRODUCTS
SINCE 1923

Desert Brand

Desert Crete Texture/Overlay
System

TECHNICAL BULLETIN

1.0 DESCRIPTION

Desert Crete Texture/Overlay System is a polymer modified resurfacing system for aged or newly poured concrete surfaces. Desert Crete Texture/Overlay is designed to repair driveways, patios, pool decks, entryways and walkways and provide a hard wearing, attractive finish.

2.0 MANUFACTURER

Desert Crete Texture/Overlay System is manufactured by Hill Brothers Chemical Company, Orange, CA (714) 998-8800.

3.0 QUALITY CONTROL

Desert Crete Texture/Overlay System shall be installed only by a contractor trained and approved in writing by the manufacturer.

4.0 MATERIALS

- 4.1 Desert Crete Texture
- 4.2 Desert Crete Liquid Polymer
- 4.3 Desert Brand Lacquer Sealer (Clear)
- 4.4 Desert Crete Color Concentrate

5.0 RELATED MATERIALS

- 5.1 Semi-Flexible Epoxy Resin
- 5.2 Polyurethane Sealant
- 5.3 Desert Crete Stencils

6.0 SURFACE PREPARATION

- 6.1 Concrete surfaces 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 diluted muriatic acid to control efflorescence and to increase the porosity of the surface. Neutralize and rinse with water.
- 6.2 Metal surfaces shall be cleaned of rust or other bond-breaking compounds and primed.
- 6.3 Cracks over credit-card width shall be routed and filled with semi-flexible epoxy resin.
- 6.4 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.

- 6.5 Drainage: Drainage is not a part of the standard Desert Crete Texture/Overlay specification and should be provided either structurally in a separate section of the specifications or included herein in the form of Desert Crete Base/Underlayment.

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7.0 EXECUTION

7.1 Mixing

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

7.2 Desert Crete Texture/Overlay Bondcoat

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

7.3 Stencil Application

Apply stencils over cured bondcoat and cut to fit. Mask adjacent surfaces not to receive coating.

7.4 Desert Crete Texture Application

Apply pigmented Desert Crete Texture, fully mixed with Desert Crete Liquid Polymer, by trowel or by using a pneumatic hopper gun equipped 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 texture with a steel trowel. Allow 1-2 hours for drying before removing stencils.

7.5 Desert Brand Lacquer Sealer

Apply two coats of clear Desert Brand Lacquer Sealer depending on finish desired. Allow 2-4 hours between coats. Let cure overnight before allowing heavy traffic.

8.0 WARRANTY

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