

SPECIFICATIONS

PAVECRETE POLISHED CONCRETE

Product Name: PAVECRETE DECORATIVE POLISHED CONCRETE SYSTEM

PART I - General

Work Description: To provide an average of 10 cms of concrete (or as specified by architect) the surface of which shall be colored with TopCrete Color Hardener with approved crushed aggregates to a depth of 5 cms minimum or as directed by designer. The surface shall then be smooth trowelled and polished with a diamond polishing machine, then sealed with Surecrete Dura-Kote Waterbourne Polyurethane Sealer. To ensure quality, work is to be performed by contractors having a minimum of 10 years experience in decorative concrete installations.

PART II - Product

Materials:

Dry Shake Coloring Agent: TopCrete 200 Color Hardener, as manufactured by TopCrete. A selected aggregate with appropriate mix shall be poured on the concrete surface.

Clear Protective Coating: SureCrete Dura-Kote Waterbourne Polyurethane as manufactured by SureCrete USA.

The TopCrete color hardener specific color to be selected by architect.

PART III - Execution:

Installation:

1. Concrete mix design shall contain a minimum of 350Kg/cubic Meter of type I, II, and if subjected to salts, type V Portland Cement, depending on soil conditions. Concrete shall have a minimum compressive strength of 2,500 psi after 28 days. Maximum slump shall be 4 inches. Fiber modified concrete is permissible. Expansion joints shall be used as in standard concrete practices.

2. Concrete shall be placed and screeded to the desired grade, and then floated, using standard concrete practices.

3. Apply an even application of Color Hardener mixed with the approved aggregates to the concrete surface, using the standard dry-shake method. Product shall be applied in accordance with manufacturer's specifications. At least two

applications shall be required. Float after each application.

4. Hand trowel and smooth the surface in accordance with manufacturer's specifications.

5. Once completely dry the surface shall be grinded and polished with appropriate diamond polishing machine.

6. Control joints shall be cut at pre-determined areas no later than 12 hours after the concrete has been placed or as appropriate for the weather conditions.

7. *Polished Concrete* shall then be sealed with a minimum of 1 coat of Surecrete Dura-Kote Waterbourne Polyurethane Sealer. Product shall be applied in accordance with manufacturer's specifications.

