

SAMPLE SPECIFICATION FOR IMPRINTED CONCRETE PAVING

Walks on this project will include 5 inch Imprinted Concrete Paving. Limits of this paving are shown on the plans and detailed on the typical sections. Imprinted Concrete Paving shall conform to the requirements of paving.

Work will be installed by an experienced contractor:

Hunt Valley Contractors, Inc.
3705 Crondall Lane
Owings Mills, Maryland 21117
410 356 9677

To assure high quality Stamped Concrete Paving contractor should have a minimum of 5 years of experience and at least 10 high quality jobs of similar type for inspection by the engineer.

Prior to the Notice to Proceed on this contract, the contractor will be required to submit an 2 foot by 2 foot sample of the Stamped Concrete Paving poured on site for approval by the Engineer and Landscape Architect.

MATERIALS:

Concrete Mix Design:

The concrete shall have a minimum compressive strength of 3,500 psi. Portland cement shall conform to ASTM C 150, Type I, II, or V. Aggregates shall be non-reactive and conform to ASTM C33. Mixing water shall be fresh, clean and potable. An air-entraining agent conforming with C260 and/or a normal-set or retarded-set water reducing admixture conforming with ASTM C494 may be used. No admixture containing calcium chloride shall be permitted in the mix.

The color shall be Beige Cream with Pecan Tan Release Agent (both products by L.M. Scofield Company) . Regular grade hardener shall be used. Modifications of color during the sample approval process shall not affect bid prices.

Release agent specifically designed to prevent bonding of texturing tools to the concrete surface.

Construction Requirements:

Special concrete mix shall be placed and screened to the proper grade and floated to a uniform surface in the normal manner. Stamped Concrete Paving shall be placed on 6 inch graded aggregate base.

Color hardener shall be applied evenly to the plastic surface by the dry-shake method using a minimum of 60 pounds per 100 square feet. It shall be applied in two or more shakes, floated after each, and troweled only after the final floating.

Release agent shall be applied in accordance with manufacturer's instructions.

While concrete is still in the plastic stage of set, the imprinting tools shall be applied to make the desired pattern and texture. The pattern(s) shall be _____.

The surface shall be cleaned to remove residual dust and excess release agent.

The surface shall be sealed. A penetrating seal of an acrylic polymer in the organic solvent is recommended as a maintenance material which will provide a moderate gloss and resistance to discoloration, abrasion, water, alcohol, acids and alkalis. Any acid or caustic solution shall not be used on sealed surfaces.

Method of Measurement and Basis of Payment:

Stamped Concrete Paving will be measured and paid for on the square foot basis. The price bid for these two items shall be full compensation for all materials, excavation, test samples, labor, tools, equipment, and incidentals necessary to complete this item.