

## **ITEM 559.1901 11 - PAINTING EXISTING CONCRETE SURFACES**

### **Description**

The work shall consist of preparing existing concrete surfaces and furnishing and applying paint at the locations indicated by the contract documents, or where ordered by the Engineer.

### **Materials**

Materials shall conform to the following requirements:

Concrete Repair Material:	Subsection 701-04
Paint:	Exterior Acrylic Emulsion Paint conforming to Federal Specification TT-P-19C, self-priming.
	Color: A.O.B.E.

Basis of Acceptance: Acceptance of paint will be based on the manufacturer's certification that the material meets the specification requirements. Submit color chart, with proposed color clearly identified for the Engineer's approval.

### **Construction Details**

Preparation of Surface: Concrete surfaces shall be thoroughly cleaned before painting. All laitance, paint, oil, grease, dust, dirt, and other substances which might prevent bond between the paint and the concrete shall be removed. The surface preparation shall be accomplished by a light sandblasting, followed by high pressure, oil free, air blasting. Care shall be exercised to prevent exposure of underlying aggregate. Unsound or deteriorated concrete shall be removed by light chipping, mechanical scarification, or other mechanical abrading means acceptable to the Engineer, prior to sandblasting. Removed concrete shall be repaired with concrete repair material prior to application of paint. Concrete repair material shall be cured a minimum of 28 days before painting.

Paint shall be applied as soon as practicable after cleaning is completed. If in the opinion of the Engineer, the concrete surface has become soiled or otherwise contaminated, prior to paint application, the surface shall be re-cleaned in accordance with the requirements specified herein at no additional cost to the State.

Application: A minimum of 2 coats shall be applied according to the manufacturer's recommendations at a minimum thickness of 100 micrometers. Paint shall be rolled on unless otherwise recommended by the manufacturer.

### **Method of Measurement**

The quantity to be paid for will be the number of square meters painted.

### **Basis of Payment**

The unit price bid shall include the cost of furnishing all labor, materials and equipment necessary to complete the work.