

## **3753 TYPE 1-D MEMBRANE CURING COMPOUND**

### **3753.1 SCOPE**

Provide clear or translucent liquid membrane forming curing compounds with a Type 1-D fugitive dye for spray application on portland cement colored or stamped concrete surfaces, where a finished white surface would mask the decorative finished concrete surface when exposed to the air.

### **3753.2 REQUIREMENTS**

#### **A General**

Provide membrane curing compound meeting the following requirements:

- (1) All membrane-curing compounds pre-approved by the Department before use. The most current approved lots and batches with product expiration dates are available on the Approved/Qualified Products List,
- (2) Meets the requirements of the Department's Curing Compound Manufacturer Approval Program, as listed in the Approved/Qualified Products List, including pre-testing of materials by the manufacturer,
- (3) Meets the requirements of ASTM C 309, Type 1-D Curing Compound, and
- (4) The Engineer will not allow the use of curing compound that is over 1 year from the manufacture date.

The Contractor may use Type 1-D curing compound in other concrete applications as approved by the Engineer or as shown on the special provisions. Use of any other Type 1 curing compound is at the discretion of the Engineer, in conjunction with the Concrete Engineer.

### **3753.3 SAMPLING AND TESTING**

Provide samples for testing meeting the requirements of the Schedule of Materials Control.

Test the material at an application rate of 200 sq. ft per gal.