

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
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**METHOD OF TEST FOR WATER RETENTION EFFICIENCY OF LIQUID
MEMBRANE-FORMING CONCRETE CURING COMPOUNDS****A. SCOPE**

This test method describes the procedure for determining the efficiency of liquid membrane-forming curing compounds in preventing moisture loss from concrete during the early hardening period.

B. REFERENCES

ASTM C 156 - 17 Standard Test Method for Water Loss (from a Mortar Specimen) Through Liquid Membrane-Forming Curing Compounds for Concrete

C. PROCEDURE

Conduct the test in accordance with ASTM C 156 - 17, except for the following.

1. Section 11.2: The specified application rate shall be 200 ft²/ gal.
2. Section 13.1: The duration of test time will be 24 hr.

D. REPORTING OF RESULTS

Report average water loss at 24 hours in Kg/m² to the nearest 0.01 Kg/m².

E. HEALTH AND SAFETY

It is the responsibility of the user of this test method to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. Prior to handling, testing or disposing of any materials, testers must be knowledgeable about safe laboratory practices, hazards and exposure, chemical procurement and storage, and personal protective apparel and equipment.

Refer to the Safety Manual for your Laboratory.

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(California Test 534 contains 1 page)**