

SECTION 108

CONCRETE CURING MATERIALS

108.1 REQUIREMENTS

Curing materials shall conform to the following requirements as specified:-

- A. Burlap Cloth made from jute or kenaf meeting the requirements of AASHTO M 182, Class 3. (It will be permissible to use Class 1 or 2, provided it is placed in double layers.)
- B. Liquid Membrane-Forming Compounds for curing concrete meeting the requirements of AASHTO M 148, Type 2.
- C. Polyethylene Sheeting:

White polyethylene sheeting shall be durable to withstand the intended job use without puncturing or tearing. During cool weather, the Engineer may permit the use of Black polyethylene sheeting in lieu of white polyethylene sheeting.

- D. Linseed Oil Base Emulsion Compound for Curing Concrete:

- 1. Composition:

The compound shall conform to the requirements of AASHTO M148, Type 2, except as modified by the following:

- a. The compound shall be a water-emulsified linseed oil emulsion of $50 \pm 4\%$ oil phase / $50 \pm 4\%$ water phase composition. (Linseed oil phase / water phase proportions shall be formulated exclusive of added pigment.) [Linseed oil emulsion shall be tested in accordance with SD 509.](#)
- b. Linseed oil used in the emulsion formulation shall consist of a blend of 80 percent boiled linseed oil and 20 percent Z-8 viscosity linseed oil meeting the requirements of ASTM D 260.
- c. The compound shall be spray-able above 50 degrees F.

- 2. Storage:

The compound shall be stored at temperatures above 35 degrees F. Compound stored for a period in excess of one (1) construction season will require re-sampling and testing for compliance prior to use.

**108.2 METHOD OF MEASUREMENT &
108.3 BASIS OF PAYMENT**

Concrete curing materials shall be incidental to the various concrete construction bid items. There will be no separate measurement and payment for concrete curing materials.

END OF SECTION