

## 1407 - SHEET MATERIALS FOR CURING CONCRETE

### SECTION 1407

#### SHEET MATERIALS FOR CURING CONCRETE

##### 1407.1 DESCRIPTION

This specification covers materials in sheet form used for covering the surfaces of hydraulic cement concrete to inhibit moisture loss during the curing period. In the case of white reflective materials, it also reduces temperature rise in concrete exposed to radiation from the sun. Materials included are clear and white opaque polyethylene film, and white-burlap polyethylene sheet.

##### 1407.2 REQUIREMENTS

**a. General.** Provide material that complies with AASHTO M 171.

**b. Used Sheet Material.** Used sheet material must comply with the requirements stated above, and can only have been used previously for curing concrete. "Like new" cleanliness is not expected, but contamination with any substance foreign to the concrete curing process (e.g. grease or oil) will be cause for rejection.

##### 1407.3 TEST METHODS

As specified in AASHTO M 171.

##### 1407.4 PREQUALIFICATION

None Required.

##### 1407.5 BASIS OF ACCEPTANCE

**a.** New sheet materials will be accepted on the basis receipt and approval of a Type D certification as specified in **DIVISION 2600**, and a visual inspection for compliance with AASHTO M 171.

**b.** Used sheet materials will be accepted on the basis of a Contractor certification regarding the source and previous use of the material, and a visual inspection for compliance with AASHTO M 171.