

ALABAMA DEPARTMENT OF TRANSPORTATION

DATE: July 13, 2012

Special Provision No. 12-0356

EFFECTIVE DATE: November 1, 2012

SUBJECT: Concrete Curing Materials.

Alabama Standard Specifications, 2012 Edition, SECTION 830 shall be amended as follows:

SECTION 830 CONCRETE CURING MATERIALS

830.01 Burlap Cloth and Waterproof Covering Material.

(b) TYPES OF COVERING MATERIAL.

This Subarticle [830.01(b)] shall be replaced with the following:

(b) TYPES OF COVERING MATERIAL.

1. Burlap cloth shall conform to the requirements of AASHTO M 182 for Class 4 burlap.
2. White Waterproof Paper shall conform to the requirements of **ASTM C 171**.
3. Polyethylene sheeting (film) shall be white opaque conforming to the requirements of **ASTM C 171** modified to omit the elongation requirements when the sheeting is internally reinforced with a cord net having a cord spacing of 1/4 to 1/2 of an inch {6 to 13 mm}. (Net may be nylon or other approved material.)
4. White Burlap Polyethylene sheet shall conform to the requirements of **ASTM C 171**.

830.02 Impervious Membrane.

This Article [830.02] shall be replaced with the following:

830.02 Impervious Membrane.

Impervious membrane compounds shall meet the requirements of **ASTM C 309**, Class A. Type 2 white pigmented shall be used on concrete pavement. Other types may be used on other concrete.

Membrane liquid shall be applied under pressure with spray nozzles in such a manner as to cover the area being treated with a uniform film. For concrete pavement the rate of application shall be 1 gallon {4 L} to not more than 135 square feet {13 m²}, applied in two applications. For sidewalks the rate of application shall be 1 gallon {4 L} to not more than 200 square feet {19 m²}.