



SECTION 1058

POLYETHYLENE SHEETING

1058.1 Scope. This specification covers polyethylene sheeting for use in highway construction.

1058.2 Polyethylene Sheeting for Curing. Polyethylene sheeting for curing Portland cement concrete shall be white and shall be in accordance with AASHTO M 171.

1058.3 Polyethylene Sheeting as a Bond Breaker. Polyethylene sheeting for use as a bond breaker under bridge approach slabs shall have a minimum nominal thickness of 4.0 mils (0.10 mm) and a plain surface finish. The sheeting may be natural, clear, white or color tinted with a light color. Black or other dark colors shall not be used. The polyethylene sheeting for bond breaking shall be in accordance with either AASHTO M 171 or ASTM D 4397, except the following properties will not apply:

- (a) Reflectance requirements, AASHTO M 171 and ASTM D 4397.
- (b) Moisture loss requirements, AASHTO M 171.
- (c) Water vapor transmission requirements, ASTM D 4397.
- (d) Luminous transmittance requirements, ASTM D 4397.
- (e) Minimum net weight (mass) requirements, ASTM D 4397.

1058.4 Certification and Acceptance. The contractor shall furnish a manufacturer's certification that the material supplied is in accordance with these requirements.