

Standard Guidelines for Product Review
Curing Compound, Concrete;
Section 02050.10

April 30, 2002

02050.10 – Curing Materials, Concrete

We require concrete curing materials (surfacings) to come from the QPL. This is a list of surfacings that are used to aid in the curing of concrete. The surfacing will be placed on a freshly placed concrete surface, prior to placement of the polypropylene. The surfacing will be kept wet by fogging until the polypropylene has been placed. These surfacings are used in lieu of burlap.

- Process:
1. Submit the following:
 - Preliminary Information Form.
 - Independent Test Results showing compliance with the specifications below.
 - Spec Data Sheet.
 - Detailed installation instructions.
 - List of Limitations and Precautions.
 - 3 small samples, each 6 inches by 6 inches.
 2. After review of the submittal, the QPL Committee will respond to you with the findings.

- Specifications:
1. Color: White
 2. Fabric Structure: Non-woven needle punched
 3. Yarn: White, 100% Polypropylene
 4. Weight: 6 oz./sq/yd (minimum)
 5. Grab Tensile Strength: 150 lbs (minimum)
 6. Water Flow Rate: 125 gallons/minute/square foot (minimum).
 7. Shall be UV resistant – ASTM D4355: minimum 50% retained strength after 500 hours of exposure.
 8. Shall not rot, mildew,
 9. Shall be non-biodegradable

Please forward your information and/or questions to:

OREGON DEPARTMENT OF TRANSPORTATION
ATTN: MIKE DUNNING (503) 986-3059
MATERIALS LABORATORY
800 AIRPORT RD SE
SALEM OR 97301-4798