

PRODUCT DESCRIPTION

conkure™ Wet Curing Blanket consists of an absorbent synthetic needle punched geotextile laminated to a white reflective UV stabilized film. Unlike burlap, it will not rot or mildew and can be reused when cared for properly. Conkure Blankets are very lightweight and easy to apply.

PRODUCT USE

conkure™ Wet Curing Blanket is a reflective blanket specifically designed to be hydrated and inhibit moisture loss during the curing process of concrete. It will also significantly reduce heating of the concrete surface caused by the sunlight in hot weather conditions. The American Concrete Institute claims that moist curing is the best method for developing the strength of concrete and minimizes early drying shrinkage in their publication ACI 305R-99 (chapter 4.4.2)

conkure™ Wet Curing Blanket meets or exceeds AASHTO M-171 and ASTM C-171, "Standard Specification for Sheet Materials for Curing Concrete" for moisture retention and daylight reflection.

SIZE & PACKAGING

conkure™ Wet Curing Blanket is rolled and folded on a heavy duty cardboard core for ease of handling and installation. Conkure Blankets are available in a standard size of 12' X 80' rolls. Custom sizes available with minimum order requirements.



PRODUCT	PART NUMBER
conkure™ X60W

COMMON CURING APPLICATIONS

- Flat Work
- Pavement
- Roads
- Columns
- Bridges
- Tunnels
- Building Construction

PROPERTIES	TEST METHOD	US VALUE	METRIC VALUE
WEIGHT	ASTM D5261	45 lbs./1000 ft ²	22 kg/100 m ²
THICKNESS, NOMINAL	ASTM D5199	40 mil	1.0 mm
GRAB TENSILE STRENGTH	ASTM D4632	75 lbf	330 N
GRAB TENSILE ELONGATION	ASTM D4632	62%	62%
TRAPEZOID TEAR	ASTM D4533	37 lbf	160 N
PUNCTURE	ASTM D4833	52 lbf	230 N
*LIGHT REFLECTANCE	ASTM E1347	77%	77%
**WATER LOSS (PER 72 HOURS)	ASTM C156	0.02 lbs/yd ²	0.01 kg/m ²

*Light Reflectivity test conducted by independent test facility; Cambridge Materials Testing Limited.

**Water Retention Performance test conducted by independent test facility; Construction Technology Laboratories, Inc.

Construction Technology Laboratories, Inc is an AASHTO Accredited Laboratory - Aggregate, Cement and Concrete.

Conkure™ Wet Curing Blanket meets or exceeds specification requirements of AASHTO M-171 and ASTM C-171 for moisture retention and daylight reflection.

conkure™ Wet Curing Blanket Installation Instructions

- Pre-wet concrete as required. Use care to prevent erosion of the surface.
- Apply **conkure** wet curing blankets as soon as possible after placing & finishing the concrete without marring the surface.
- Unroll **conkure** wet curing blankets with the white-coated side up and the gray side toward the concrete surface.
- Fold back approximately 1/2 of the **conkure** blanket and spray gray side with water.
- Unfold the moist side back to the surface of the concrete and repeat this process with the other side.
- Re-wetting will likely be required during the curing process depending upon weather conditions and specification requirements.
- Overlap panels approximately 12" and weight down edges to avoid wind damage and to seal in moisture.
- Forms should also be covered and kept wet during the curing process.
- Keep **conkure** blankets in contact with the entire concrete surface at all times during the curing process.
- Care should be taken so the concrete is not stained by impurities in the water or by soiled blankets.

These are only suggested installation instructions. **Typical** applications require a minimum of 7 days continuous wet curing. Please review your wet curing requirements for specified methods and length of time required.



Note: To the best of our knowledge, these are typical property values and are intended as guides only, not as specification limits. RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.

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