

# HydraCure™

Optimize Cement Hydration

## FEATURES & BENEFITS



*“The objective of curing concrete floors on ground is to optimize cement hydration, which is accomplished by maintaining favorable moisture content and temperature conditions in the concrete. With thorough hydration of the cement particles, concrete strength development increases and wear resistance of the surface improves.”*

Portland Cement Association,  
“Concrete Floors on Ground” (2002)

### Features / Benefits

*HydraCure™ is comprised of a non-woven polypropylene fabric and a white pigmented high-density polyethylene coating. The fabric backing is designed to trap and retain water within the mass of entangled fibers thus providing a 100% humidity condition below the cover. The white, UV resistant coating reflects the sun's heat away from the slab's surface.*

- **Lightweight** — HydraCure™ is 50% lighter in dry roll weight than poly coated burlap curing covers. This reduced weight offers effortless handling and placement but does not compromise its water retaining quality.
- **Ease Of Use** — HydraCure™ covers roll out with ease and lay flat on the slab thus reducing the “blotchy” appearance created with other curing sheets.
- **Cost Effective** — HydraCure™ is highly reusable. Unlike poly coated burlap products, the inorganic,

non-woven fabric in HydraCure™ will not rot or mildew. The white high-density polyethylene coating contains a UV additive to prevent it from becoming brittle in direct sunlight. HydraCure™ can be rolled up and re-used again and again.

- **Curing Properties** — HydraCure™ offers a gradual, uniform and controlled curing environment for slabs on ground.

HydraCure™ provides the optimum curing method for concrete slabs on grade at the most economical price available.

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## SPECIFICATIONS



### Hydracure™ Physical Properties:

Property	Units	Value	Test Procedure
Tensile Grab Strength	lbf	Warp 140 Weft 125	ASTM D-1682-64 ASTM D 1682-64
Tear Strength	lbf	Warp 50 Weft 65	ASTM D-4533-91 ASTM D 4533-91
Mullen Burst Strength	lb/in2	280	ASTM D-751-73
Water Retention	kg/M2	0.05	ASTM C-171
Reflectance	93.4%		
Unit Size	ft	12 x 100	
Unit Weight	lb/roll	100	
Packaging	rolls/truck	288	

### Find Out More

For more details, specifications and independent engineering reports, please give us a call. Together we can determine a solution for your construction needs. **1-800-542-0214**

### PNA Construction Technologies, Inc.

Manufacturing plants in Matthews, North Carolina and Bakersfield, California

***Innovative products for the concrete flooring industry***

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