

# HydraCure™ Covers

## Reduce Discoloration and Residue on your Slabs

### Why Cure?

PNA's synthetic wet curing covers ensure a gradual, uniform and controlled curing environment for slabs-on-ground to allow concrete to properly hydrate. Proper curing:

- Increases concrete strength and durability
- Reduces permeability of concrete
- Improves abrasion resistance
- Reduces cracking, crazing, scaling, dusting and pop-outs

### Now You Have Two Choices

**HydraCure™ M5** – multi-use curing cover; a proven industry standard, that provides optimal curing and can be used again and again.

**HydraCure™ S16** – made of synthetic fibers that evenly wick water across the slab providing a continuous supply of moisture for a gradual and controlled curing environment. The white cover on HydraCure™ S16 enables installers to easily locate and eliminate air bubbles to prevent blotching. Made from inorganic materials, both HydraCure™ covers have smoother fibers that will NOT stick to the slab surface. And, unlike organic materials, they will not stain the slab, leave behind any residue after use or rot or mildew during storage. HydraCure™ covers ensure optimal hydration and an even appearance at an affordable price.

### Why HydraCure™ Covers Are So Effective

Comprised of a non-woven fabric coated with a white-pigmented film, the fabric backing traps and retains water to provide a 100 percent humidity condition below the cover. The white UV-resistant coating reflects the sun's heat away from the slab's surface, preventing excessive heat buildup and ensuring optimal drying rates. HydraCure covers' reflective properties make it ideal for a range of weather conditions by offering high heat and cold resistance. The covers also can be used in indoor environments.

### Ease of Use

- Shipped in rolls with the fabric side out, HydraCure™ covers are easy to roll out, and they lie flat on the slab, reducing the blotchy appearance created by other curing sheets.
- HydraCure™ covers are 50 percent lighter in dry base weight than organic products, making handling and placement effortless without compromising the water-retaining qualities.

### Cost Effective

**HydraCure™ M5** can be rinsed easily, rolled up and reused again and again – up to 20 times if rinsed and stored properly.

**HydraCure™ S16** is the most affordable single use product on the market with a roll width of 10.5 feet. It provides more than a six percent material savings per two feet of additional roll width and reduces installation time. HydraCure™ S16 is individually bagged to protect product stored outside on a partial pallet.

### Both Products:

- Are available locally through our national distribution network and can be shipped with other PNA products to save you time and money on freight.
- Are made of inorganic materials that will not rot, mildew or stick to the slab surface.



## Instructions for Use

Apply resilient floor coverings, protective coatings, sealers or other special treatments after curing is complete (normally seven days).

### Step 1

Remove roll from shipping pallet and bag.



### Step 2

Thoroughly wet slab surface to provide a complete and continuous cover of water per ACI guidelines. Water temperature should be within 20° F of the temperature of the concrete and free of aggressive impurities.



### Step 3

Unroll HydraCure™ covers right onto the slab. The non-woven material side should be in contact with the slab surface. The coated side will be facing up.



### Step 4

Make sure each roll overlaps the adjacent rolls by 3 to 4 inches on each side.



### Step 5

For HydraCure™ S16 single use curing covers, use a squeegee or roller to remove air bubbles.



### Step 6

When curing is complete (normally seven days), remove HydraCure™ covers from the slab.

### Step 7

HydraCure™ S16 single use covers can be discarded upon removal from the slab.

HydraCure™ M5 multi-use covers, for optimal reuse, need the fabric side rinsed before folding and storing. If re-rolling, roll back up with fabric side out.

NOTE: For extremely windy job sites, consider weighting the curing covers to prevent shifting.

*After proper placement and finishing of suitable quality concrete, curing is the single most important factor in achieving a high-quality slab.*

—ACI 302.1R-04

#### LOAD TRANSFER SYSTEMS

- DIAMOND DOWEL® SYSTEM
- LOAD PLATE BASKET™ ASSEMBLY
- PD<sup>3</sup> BASKET™ ASSEMBLY
- ROUND/SQUARE DOWELS, CLIPS & BASKETS

#### JOINT PROTECTION PRODUCTS

- ARMOR-EDGE™ JOINT ASSEMBLY
- ARMOR-EDGE™ N2E JOINT ASSEMBLY

#### HYDRACURE™ COVERS



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Products shown may be covered by one or more of U.S. patents #6,775,952, #6,354,760, #5,618,125 and other pending patents.  
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