

HYDRACURE™ S16



SINGLE-USE WET CURING COVER

KEEP WATER WHERE YOU WANT IT — ON THE SLAB SURFACE!

HydraCure covers ensure a gradual, uniform, and controlled curing environment for concrete slabs-on-ground providing optimal hydration at an affordable price.

COST EFFECTIVE SOLUTION

- 250% larger than others
- Wider rolls minimize installation time
- Individually bagged to protect product

PROPER CURING

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

MATERIALS

Made from inorganic materials, HydraCure S16 curing covers consist of 2 layers. The first is a non-woven with smooth fibers that wick water evenly across the slab and will not disintegrate and stick to the slab surface. When efflorescence occurs in specific environmental conditions, the covers may appear to stick; however inorganic covers retain their integrity when re-wet and can be easily removed. HydraCure covers will not stain the slab, leave behind any residue, rot, or degrade during proper storage prior to use. The second layer is a thin film that traps the moisture underneath and maintains a high humidity environment.

HydraCure S16 single-use covers are a blend of inorganic fibers that evenly wick water across the slab. The white film layer on HydraCure S16 enables installers to easily locate and eliminate air bubbles to prevent blotching.



WHY CHOOSE A NON-WOVEN FABRIC?

- Draws moisture and distributes evenly on the surface plane
- Wicks air pockets and bubbles away from the surface creating a high humidity greenhouse like environment between non-woven and film layers
- Clings to slab surface for optimal appearance and performance

ORDERING INFO

Part No.	S16
Dimensions (LxW)	381' x 10.5'
Surface Area (sq ft)	4001
Weight (lbs)	60
Rolls per Truck	320

EFFORTLESS HANDLING AND PLACEMENT



EASY TO ROLL OUT AND LAY FLAT ON THE SLAB



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PRODUCT PERFORMANCE CHARACTERISTICS:

- Delivers optimal concrete hydration with the non-woven fabric laminated on one side with a white-pigmented polyethylene film that traps and retains water on the slab and provides a 100% humidity condition below the cover
- Prevents excessive heat buildup and ensures optimal drying rates with the white UV-resistant film that reflects the sun's heat away from the slab's surface
- Ideal for a range of weather conditions by offering reflective properties; the covers can also be used indoors
- Delivers a residue-free slab, so HydraCure covers are the best solution for use with surface treatments
- Easy to roll out and lie flat on the slab as they are shipped in rolls with the fabric side out, reducing the blotchy appearance created by other curing sheets
- Handling and placement is effortless without compromising the water-wicking qualities as inorganic covers are 20% lighter in dry base weight than cellulose products; and they are the only moisture curing cover we recommend for use with shrinkage compensating concrete (SCC) floors
- Manufactured in the USA

PHYSICAL PROPERTY DATA

PROPERTY	MIN	MAX	TEST METHOD
Basis Weight (oz/yd ²)	2.11	2.44	ASTM D3776
Thickness (in)	.012	.023	ASTM D1777
Width (in)	125.5	126.5	ASTM D3447
Vapor Permeation (g/m ² /24 hrs)	–	10	ASTM E96
Grab Tensile MD (lb)	18	–	ASTM D5034
Grab Tensile XD (lb)	10	–	ASTM D5034
Elongation MD (%)	25	40	ASTM D5034
Elongation XD (%)	107	185	ASTM D5035
Bond Strength MD (g/25mm)	100	–	AATCC #136
Bond Strength XD (g/25mm)	100	–	AATCC #136
Hydroburst (net PSI)	17	–	ASTM D3786
Absorption Capacity (%)	400	–	NWSP 10.1
Wicking Distance MD (cm/5min)	6.7	–	NWSP 10.1
Wicking Distance XD (cm/5min)	4	–	NWSP 10.1
Reflectance (%)	80	–	ASTM E1164
Roll Weight (lb/roll)	60	–	–
Roll Length (ft)	381	–	–
Feet/Roll (ft ²)	4001	–	–

MD = Machine Direction; XD = Transverse Direction

PNA's HydraCure S16 is compliant with the performance requirements of ASTM C-171 and AASHTO M-171.



WAREHOUSED IN THE U.S.A.

With a plant location on both coasts (Charlotte, NC and Bakersfield, CA) PNA is a short distance to your next jobsite.

*For use
when slab
appearance
is critical*

