

# Physical Properties

## HydraCure™ S16 Single-use Wet Curing Covers

HydraCure™ S16 single-use covers evenly wick water across the slab surface providing a continuous supply of moisture for a gradual and controlled curing environment. The white cover enables installers to easily locate and eliminate air bubbles to prevent blotching.

HydraCure™ covers are comprised of a rayon and polyester blended fabric with a polyethylene coating. The fabric backing traps and retains water to provide high 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.

Made from inorganic materials, 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/mildew during storage.

### HydraCure™ S16 Covers — Physical Properties

Measure		Value	Units	Test Procedure
<b>Functional</b>				
Absorbency		494	%	WSP 10.1
Wicking	MD XD	4.5 2	inches	WSP 10.1
Vapor Permeation		0.02	oz/yd <sup>2</sup> /24hrs	ASTM D-6701
Reflectance (Whiteness Index)		>80	%	ASTM E-313
<b>Durability</b>				
Basis Weight		18.2	#/1000ft <sup>2</sup>	ASTM D-3776
Tensile Grab Strength	MD XD	34 18	Lbf Lbf	ASTM D-5034
Grab Elongation	MD XD	39 137	%	ASTM D-5034
Trap Tear Strength	MD XD	18 20	Lbf Lbf	ASTM D-5733
<b>Descriptive</b>				
Thickness		0.017	inches	ASTM D-1777
Mullen Burst Strength		37	PSI	ASTM D-3786
<b>Handling</b>				
Width		126+/-1"		N/A
Roll Weight		80	lbs/roll	N/A

MD = Machine Direction  
XD = Transverse Direction

Test are performed in ISO 9001 certified lab. Certificate number FM-23298  
WSP — Worldwide (Nonwoven Manufacturers) Standards Partnership

HydraCure™ S16 meets ASTM C-171 standards.



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