

UltraCure NCF™ / UltraCure SUN™
Disposable Wet Cure Blanket



Material Specification:

UltraCure NCF™ and UltraCure SUN™ moisture-retaining coverings by McTech Group, Inc. are natural colored cellulose fabrics with a 3 mil clear (NCF) or white (SUN) impervious coating applied to one side. UltraCure SUN™ has a non-perforated white coating designed to help provide protection against UV degradation. Both non-staining fabrics have a tensile strength meeting ASTM D-882 and a minimum retention capacity of 6.5(g). Material shall meet or exceed ASTM C171-03, ASTM C171-97a and AASHTO M171-00, standard specifications for sheet material for curing concrete slabs or pavement.

Application:

Place wet, UltraCure NCF™ or UltraCure SUN™ wet cure covering in widest practical width as soon as concrete has hardened sufficiently to prevent surface damage. Sides and end shall be lapped at least 3". Immediately repair any holes or tears during curing period using wet cure material and water. Cover entire surface area including edges of paving and sidewalks. Install UltraCure NCF™ moisture containing wet cure covering material as per manufacturer's written instructions. Wet surface of slab-on-grade with 1/8" to 1/4" inch of water to cover entire surface area of slab, then slowly unroll the UltraCure NCF™ product onto slab using the roller squeegee applicator. No portion of this product shall be reused once it has been put into use on a slab on grade or other concrete application.

Maintain UltraCure NCF™ in place on concrete for a period of not less than seven (7) days after placement. Continuous inspection for the purpose of maintaining 100 % curing blanket contact with surface to be cured is recommended.

Physical Properties: UltraCure NCF™ / UltraCure SUN™

Property		Value	ASTM Test Method
Basis Wt.		151 g/sm	ASTM D - 2103
Caliper		1.4 mm	ASTM D - 5199
Tensile	TD	4783 psi	ASTM D - 882
	MD	4900 psi	
Elongation	TD	721%	ASTM D - 882
	MD	622%	
Elmendorf	TD	1500 g	ASTM D - 1922
	MD	350 g	
Dart		300 g	ASTM D - 1709
Reflectance*		89%	ASTM E - 1447

*UltraCure SUN™ TD= Transverse Direction MD= Machine Direction

Technical Assistance Contact:

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The information provided herein is based upon data believed to be reliable. All testing is performed with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee, express or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use. ©2005, McTech Group, Inc. All rights reserved.