



PRODUCT DATA SHEET

UltraCure NCF

Single-Use Wet Curing Blanket

PRODUCT DESCRIPTION

UltraCure NCF (Natural Cellulose Fabric) single-use wet curing blankets provide constant and thorough hydration while maintaining a 100% relative humidity condition on the slab for a curing period of 7 days resulting in less surface discoloration and a more evenly cured concrete slab.

USES

Concrete slabs-on-ground and decorative concrete requiring a 7 day cure.

Typical structures include:

- Warehouse/Distribution Centers
- Big Box Stores
- Manufacturing Facilities
- Commercial/Industrial Complexes
- Chemical Containment Storage Areas
- Water/Wastewater Treatment Structures
- Entertainment Centers
- Decorative Concrete Applications
- Bridge Decks and Concrete Paving
- Parking Lots and Site Paving
- Airports

CHARACTERISTICS / ADVANTAGES

- Rolls come with fabric side out, making it easy to install
- Taping the seams is not required
- Absorbs and distributes water evenly over the entire slab surface
- Features an opaque reflective polyethylene backing which provides visual confirmation that the slab remains wet for the entire curing period
- Reduction of material, labor, re-wetting time, storage, and transportation costs that are involved when using traditional wet cure methods
- Increases concrete strength and durability
- Reduces permeability of concrete, cracking, crazing, dusting, and efflorescence
- Improves abrasion resistance
- Helps prevent plastic shrinkage cracking
- Meets or exceeds ASTM C171-03, ASTM C171-97a, and AASHTO M171-00

PRODUCT INFORMATION

Packaging

Sika® UltraCure NCF™ rolls are shrink wrapped in a clear poly covering and stacked five (5) wide by eight (8) high on a wooden pallet that will have the overall dimensions of forty four (44) inches wide by ninety six (96) inches long. 480 rolls fit onto a truck (12 pallets). One roll of Sika® UltraCure NCF™ weighs 50 lbs. One pallet of Sika® UltraCure NCF™ weighs 2,000 lbs.

Shelf Life

18 months

Storage Conditions	No special safety measures required. Store in a dry location away from open flame.	
Thickness	1.4 mm	(ASTM D-5199)
Tensile Strength	Transverse Direction: 4,783 psi Machine Direction: 4,900 psi Elmendorf: Transverse Direction: 1,500 g Machine Direction: 350 g	(ASTM D-882) (ASTM D-1922)
Elongation	Transverse Direction: 721% Machine Direction: 622%	(ASTM D-882)
Water Absorption	41 gallons of curing water per 1,600sf roll	

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

AVAILABILITY/WARRANTY

Consult a Sika® Greenstreak® engineer to review your specific project parameters, additional product information, documentation for LEED® compliance purposes, or warranty information.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

How to Use Cure Mechanism:

Super absorbent fibers that effectively trap water and serve as a hydrating reservoir for the slab as it cures.

APPLICATION METHOD / TOOLS

Surface Prep:

Remove any debris and loose material from the concrete surface to be cured.

Application:

Place Sika® UltraCure NCF™ 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 additional Sika® UltraCure NCF™ wet cure blanket and water. Cover

entire surface area including edges of paving and sidewalks. Install Sika® UltraCure NCF™ moisture containing wet cure blankets 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 Sika® UltraCure NCF™ blanket 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 Sika® 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.

Removal:

Pick up the blankets and properly dispose of them after the 7 day curing period. If removing the blankets after an extended period of time, rewetting of the slab may be required.

Clean Up:

Pick up the blankets and properly dispose of them after the 7 day curing period. If removing the blankets after an extended period of time, rewetting of the slab may be required.

First-Aid:

This product is an inert solid. First aid is normally not required. Seek medical attention if ingested.

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the

product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs.

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Product Data Sheet

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