

# PRODUCT DATA SHEET

## UltraCure DOT

### Single-Use Wet Curing Blankets for DOT and Pervious Applications

#### PRODUCT DESCRIPTION

UltraCure DOT is a 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 14 days resulting in less surface discoloration and more evenly cured concrete.

#### USES

Concrete slabs-on-ground requiring a 14 day curing period.

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

#### PRODUCT INFORMATION

##### Packaging

Sika® UltraCure DOT™ rolls are shrink wrapped in a clear poly covering and stacked four (4) wide by four (4) high on a wooden pallet that will have the overall dimensions of forty four (44) inches wide by ninety six (96) inches long. Pallets are double stacked for shipment. 384 rolls fit onto a truck (24 pallets). One roll of Sika® UltraCure DOT™ weighs 50 lbs. One pallet of Sika® UltraCure DOT™ weighs 900 lbs.

**Coverage:** 800 ft<sup>2</sup> per roll (8 ft wide x 100 ft long roll)

##### Shelf Life

18 months

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April 2021, Version 01.01

020720501000000001

<b>Storage Conditions</b>	No special safety measures required. Store in a dry location away from open flame.	
<b>Thickness</b>	1.7 mm	(ASTM D-5199)

## TECHNICAL INFORMATION

<b>Tensile Strength</b>	Transverse Direction: 3,733 psi Machine Direction: 2,872 psi	(ASTM D-882)
<b>Elongation</b>	Transverse Direction: 90% Machine Direction: 110%	(ASTM D-882)
<b>Water Absorption</b>	55 gallons of curing water per 800sf roll	
<b>Durability</b>	Dart 150 g	(ASTM D-1709)

## 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.

### Surface Prep:

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

### APPLICATION METHOD / TOOLS

Place Sika® UltraCure DOT™ wet cure covering in widest practical width as soon as concrete has hardened sufficiently to prevent surface damage. Edges and ends shall be lapped 4" - 6". Install Sika® UltraCure DOT™ moisture containing wet cure covering material as per manufacturer's written instructions as soon as practical and while the surface of the concrete is still moist. After blanket installation on slab surface, wet top surface of perforated curing blanket with 1/8" to 1/4" inch of water to cover entire surface area of blanket. Monitor surface temperature of concrete and continue to apply curing water to the top of the curing blanket until concrete surface is within 15 degrees of ambient temperature. No portion of this product shall be re-used once it has been put into use on a slab on grade or other concrete application.

Maintain Sika® UltraCure DOT™ in place on concrete for a period of not less than seven (7) days and up to (14) days after placement. Continuous inspection for the purpose of maintaining 100 % curing blanket contact with surface to be cured is recommended using appropriate restraints placed to keep the material in place for outside use where wind could be an issue. Periodic monitoring of moisture retention in the curing blanket is recommended and additional water should be applied if required.

### Removal

Pick up the blankets and properly dispose of them after the 14 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 14 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](https://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.

**NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF**

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UltraCureDOT-en-US-(04-2021)-1-1.pdf

