

Single Use Wet Curing Blanket for DOT Applications

Superior Hydration

When concrete strength is everything, UltraCure™ is the wet curing method chosen by top professionals to provide thorough hydration, less discoloration and a more evenly cured slab. Unlike other single-use blankets which tend to dry out after 3-4 days, UltraCure™ DOT (Natural Cellulose Fabric) provides constant hydration and maintains a 100% relative humidity condition on the slab for the entire 14 day curing period.

Wet Curing

- Increases concrete strength and durability
- Reduces permeability of concrete
- Improves abrasion resistance
- Reduces cracking, crazing, dusting and efflorescence
- Helps prevent plastic shrinkage cracking
- Higher volume stability

The Technology

• **UltraCure DOT – (Outdoor / 7-14 Day)** features super absorbent fibers that effectively trap water and serve as a hydrating reservoir for the slab as it cures. UltraCure DOT also features a perforated white reflective poly backing which provides constant visual reinforcement that the slab remains wet for the entire curing period. With proper installation, UltraCure DOT provides constant hydration and maintains a 100% relative humidity condition on the slab for the entire 14 day curing period.

“After proper placement and finishing of suitable quality concrete, curing is the single most important factor in achieving a high quality slab”.
— ACI 302 R1-04

Why UltraCure Works

UltraCure™ blankets feature natural cellulose, super absorbent, non-staining fibers that effectively trap water, provide thorough hydration, less discoloration and a more evenly cured slab. UltraCure DOT also features a white reflective poly backing which provides constant visual reinforcement that the slab remains wet for the entire curing period. The superior water retention ability of UltraCure DOT allows the blanket to absorb up to 55 gallons of curing water per 800 sq. ft. roll, providing the critical moisture required for the long term wet curing of concrete surfaces.

User Friendly

- Lightweight: each roll weights approx. 50 pounds
- Roll outs flat and stays flatter than many other wet cure methods which reduces trapped air and discoloration.
- Rolls come with fabric side out, making it easy to install
- No Taping the seams

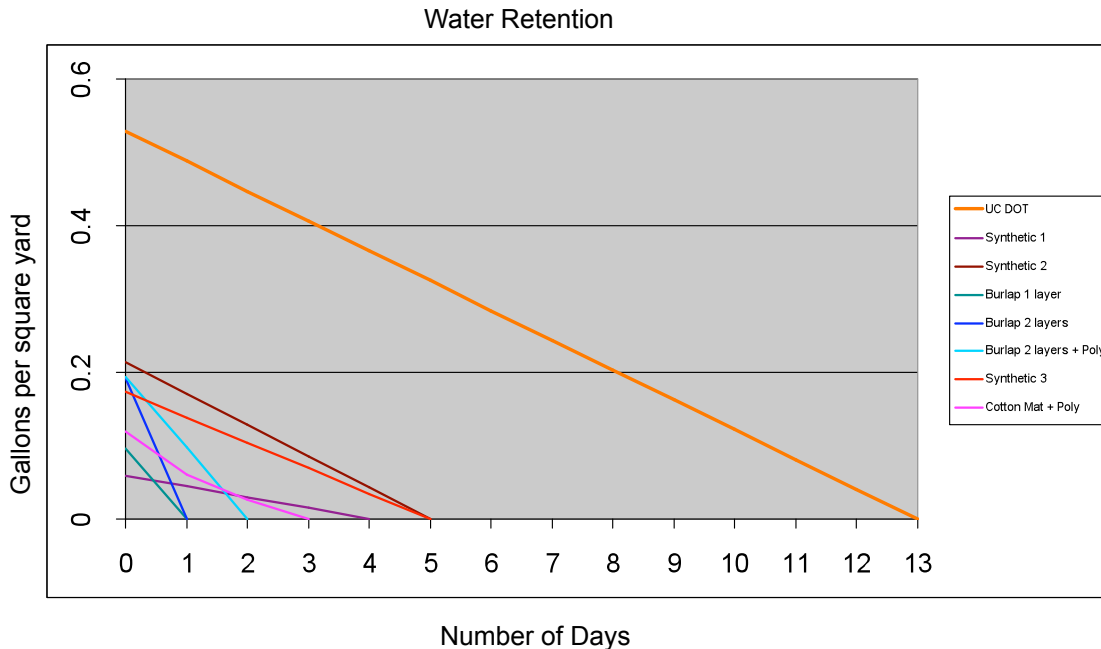
Cost Effective

Using UltraCure DOT also helps reduce material costs, installation labor, re-wetting time and costs, totally eliminates the need of costly storage and transportation of traditional wet cure methods.



Single Use Wet Curing Blanket

The Ultimate Wet Cure Fabric for DOT Applications.



Why UltraCure DOT™ for DOT Applications.

- Stronger cured concrete at a more economical overall cost
- Increased cured concrete strength
- Improved concrete freeze/thaw resistance
- Less voids = water tightness
- Higher volume stability
- Greater blanket wind resistance
- Reduced water consumption for curing
- Near elimination of water runoff into environment
- Greener – LEED's points & recyclable
- Reduced labor costs to maintain surface wetness

Lightweight: each roll weights approx. 50 lbs.

Rolls out more evenly & flatter than traditional methods.

Less Material Overlap: 4-6".

Superior Absorption: each roll holds up to 55 gallons of water.

Wrinkles & air bubbles squeegee out

Concrete remains moist up to 14 days.