

CONCRETE WET CURING SYSTEM & FLOOR PROTECTION



peel away fabric
on top of concrete
sample to show
simulated surface

The patented UltraCureNCF™ wet curing blanket provides thorough hydration, less discoloration and a more evenly cured slab. Unlike other blankets, which tend to dry out after three or four days, UltraCureNCF (Natural Cellulose Fabric) provides constant hydration and maintains a 100% relative humidity condition on the slab for the required seven-day curing period. The superior water retention ability of UltraCureNCF allows the blanket to absorb more than 46 gallons of curing water per 1,600-square-foot roll.



UltraCure_{NCF}™



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UltraCureDOT™ is designed for use on highway and bridge deck curing applications and maintains a 100% relative humidity condition on the slab for up to 14 days. The patented UltraCureDOT™ wet curing blanket has a unique ability to lay flat and provides a superior curing environment, which is important on HPC bridge decks. Each 800-square-foot roll of UltraCureDOT absorbs up to 55 gallons of curing water, providing the critical moisture required for long-term wet curing of concrete surfaces.



UltraCure_{DOT}™



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Floor Protection

Protect your new slab by applying the EZ Cover® protective blanket (patent pending) after the seven-day UltraCureNCF curing period. EZ Cover's durable top layer helps shield against contaminants and potential impact hazards and the soft bottom layer helps prevent surface scratches, while allowing the slab to breathe and harden during the construction process.



EZCover®

Curing Blanket Product Comparison

UltraCureNCF™ and UltraCureDOT™

Desired Property	Chemical	Synthetic Products			Organic Products			
	Single Use	Multiuse	Single Use		Multiuse		Single Use	
	Chemical Curing	Transguard® 4000	Carpet	HydraCure™ S16	Bur Lene™	Burlap	UltraCure NCF	UltraCure DOT
Strength/Hardness	2	3	3	3	2	2	5	5
Abrasion Resistance	2	3	3	3	2	2	5	5
Wicking/Laying Flat	5	0	2	3	0	0	5	5
Most “Green” Product	2	1	2	2	2	1	5	5
Temperature Control	2	2	3	3	2	1	5	5
No Need to Re-Wet	N/A	2	1	3	1	1	5	5
Lowest Installed Cost	5	2	2	3	3	4	4	4
Extend Slab Life	1	2	2	2	2	2	5	5

Strength/Hardness The longer 100% humidity is maintained during the cure, the more likely the concrete will reach its potential strength and hardness, and resist efflorescence.

Abrasion Resistance The longer 100% humidity is maintained during the cure, the greater the consolidation of the cement molecules, thus increasing abrasion resistance.

Wicking/Laying Flat Eliminating air entrapment means eliminating efflorescence, since the lime in the cement cannot react with CO₂ in the air. Proper wicking assists in keeping the blanket in place during curing.

Most “Green” Product A harder, abrasion-resistant slab lasts longer and is more sustainable. Our curing blankets help prevent water runoff into streams. And all of our curing blanket products are recyclable and biodegradable.

Temperature Control By allowing for proper hydration during the cure, thanks to our curing blankets’ superior water absorption, temperatures are minimized and controlled to meet ACI specifications.

Re-Wetting Labor Because most blankets do not wick, or retain water, they must be rehydrated during the cure—and that incurs additional labor hours. UltraCure blankets do not require re-wetting if installed per the manufacturers recommendations.

Lowest Installed Cost Compared to the competition, our curing blankets are less costly in terms of material and, especially, labor.

Extend Slab Life Proper wet curing can extend the “useable” life of a slab by 25%.

Floor Protection Cost Comparison

EZ Cover®

Cost comparison per square foot						
Poly	0.10	0.15	0.20	0.25	0.30	0.35
Paperboard	0.20	0.30	0.40	0.50	0.60	0.70
1/2" Drywall	0.30	0.40	0.50	0.60	0.70	0.80
EZ Cover	0.40	0.50	0.60	0.70	0.80	0.90
1/4" Masonite	0.50	0.60	0.70	0.80	0.90	1.00
3/8" Plywood	0.60	0.70	0.80	0.90	1.00	1.10
Carpet	0.70	0.80	0.90	1.00	1.10	1.20



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