



GREENICE IS WHERE SUSTAINABILITY IS @

HIGH-PERFORMANCE CONCRETE GREENICE CURE

PROMOTING BEST CONCRETE PRACTICE

CURE AND DENSIFICATION BENEFITS *@Day of Placement™*

CONSTRUCTION STAGING *@EarlyAge™*

CLARIFIED GLOSS APPEARANCE *@EarlyAge™*

GREENUMBRELLA®

Greenice

CURE SYSTEM

DEEP SUBSURFACE / CURE & HARDENS / CLARIFIED GLOSS APPEARANCE

GREENICE IS WHERE SUSTAINABILITY IS @

Green Umbrella GreenIce Cure™ System is an interior or exterior @EarlyAge™ integral concrete cure. This two-part system utilizes a cure, IceStart™, during finishing and a fixative, IceStop™, immediately after troweling. The GreenIce Cure System creates an unconventional, consolidated and refined surface that promotes best concrete practice, improving edges and ff/fl numbers. @Finishing™ it works as a finishing aide—yet provides a cured, mechanically and chemically densified floor with a polished concrete look, all at day of placement—cutting construction downtime considerably. The GreenIce Cure System brings hardness, density, abrasion resistance, moderate stain resistance while retaining the maximum amount of moisture within the concrete during curing for an unconventional architectural concrete floor where sustainability is @.



GREENUMBRELLA® GreenIce CURE SYSTEM

GREENUMBRELLA®
ICESTART ▶

IceStart is a *Surface Applied SCM (Supplementary Cementitious Material) Admixture* that is the first treatment of a *Two-part Surface Applied Admixture Cure and Densification System*.

GREENUMBRELLA®
ICESTOP ■

IceStop is a *Hydrophobic Fixative for Surface Applied Admixture Cure* that is the second treatment of a *Two-part Surface Applied Admixture Cure and Densification System*.



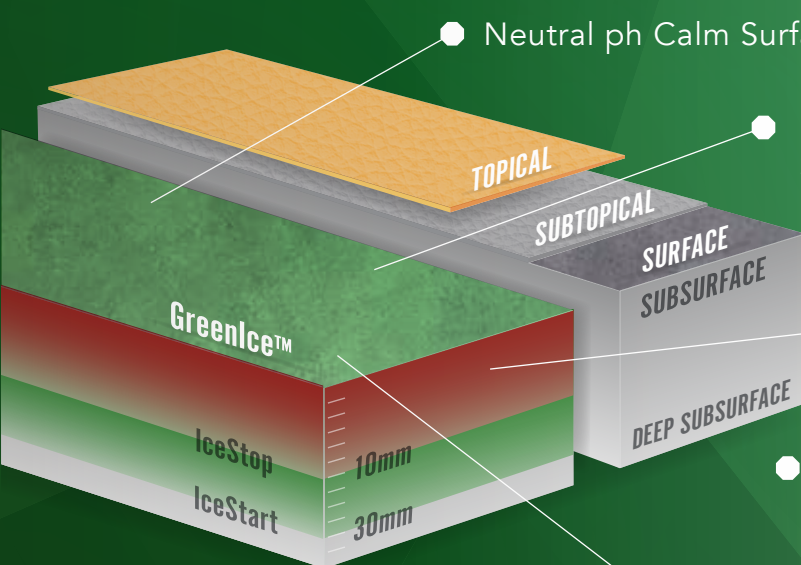
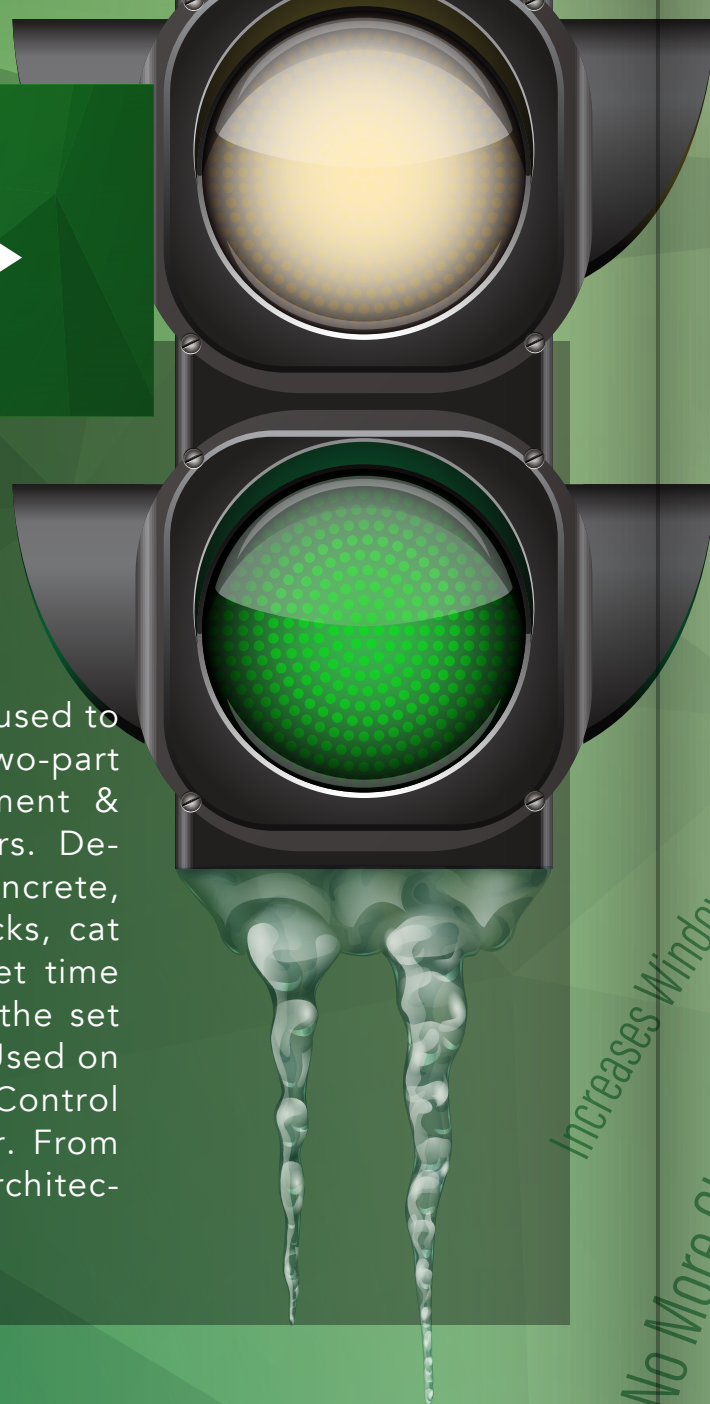
ICESTART



STEP ONE

Start High-Performance Concrete

Green Umbrella® IceStart™ is a unique curing agent used to ensure a properly cured floor and is the first of a two-part treatment GreenIce Cure System. Using a treatment & trowel process to perform high-performance floors. Designed to ease finishing by reducing drag on concrete, reducing subsurface lateral micro-cracks, mud cracks, cat faces, and shrinkage cracks. IceStart provides a set time that is retarded in hot weather without extending the set time in cold weather. IceStart minimizes false sets. Used on dry shake, it will finish as if conventional concrete. Control joints will have a sharper cut that will be shallower. From the start you will have the treatment for a superior architectural concrete floor.



● Neutral pH Calm Surface Reaction

● Reduces Drag On Trowel Blades Decreasing Sub-Surface Parallel Micro-Fracturing increasing ACI 302 Window of Finishability of the Slab

● Maximum Moisture Retention for Cement Hydration by Closing Surface Capillaries

● Passes ASTM C156 And E96 Parameters For Curing

● Trowel & Treatment Densification of the Slab @EarlyAge

FEATURES & BENEFITS

Increases Window of finish-ability In Hot Weather • Removes Cat Faces • Densify at placement, no return, no remobilization
No More Chasing A Slab That Is Quick Setting • Reduces Subsurface Lateral Micro Cracking • Increases Window of finish-ability In Hot Weather • Collateral Best Practice provides Exceptional Finish And Strength With Surface
Minimizes False Set • Minimizes Crusting • Closes Capillaries to Water & Vapor Trans • Compression Dewatering
Mechanical and Chemical Densification • Compression Dewatering
Passes ASTM C156 And E96 Parameters For Curing • Maximum Moisture Retention for
Reduces Drag On Trowel Blades Decreasing
Ease Of Finishing, Eliminates False Set • Reduces Drag On The Concrete
Can Be Used In Conjunction With Trap-Rock Or Dry-Shake Hardeners To Ease Their Application • Densify at placement, no return, no remobilization
Without Over-Troweling • Hard Troweled Surface

Concrete Cure • Features & Benefits of a Concrete Densifier • Naturally Darkens Slab
Unlike a Densifier—it Crosslink to IceStart Cure • A Hardener Treatment • Abrasion Resistance To Wear Characteristics Compared
Initial Cure Protection for Inclimate Weather • High Water Repellence • Natural Look • Eliminates Off-gassing • Increased Light Reflectivity (Ave. 45 On 4500 Psi Mix)
Eliminates Concrete Off-Dusting • Reduces Slab Curl • Impermeable • Eliminates Off-gassing • Retains Water Inside The Slab For Prolonged, Slow Curing Of Concrete
E-96 Perm Test Exceeds Flooring Requirements • Stripping Not Required Prior To Placement Of Coverings • Applied @ Time of placement
More effective than 309 cure • Does Not Contribute To ASR • Almost No Moisture Loss • Moisture Mitigated Floor • Attain A Highly Refined Surface
Applied @ Time of placement • Does Not Contribute To ASR • Almost No Moisture Loss • Moisture Mitigated Floor • Attain A Highly Refined Surface
Concrete densification • Monogamous Ionic Connection • Increases Surface Density And Reduces Permeability • Increased Life-Cycle
Create Denser Concrete For Enhanced Insulation Qualities And Improves Energy Performance • Increase In Abrasion Resistance



FEATURES & BENEFITS

CUT YOUR ENVIRONMENTAL IMPACT

GreenIce Cure uses less products to achieve a super slab



PRODUCT REDUCTION

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GreenIce Cure

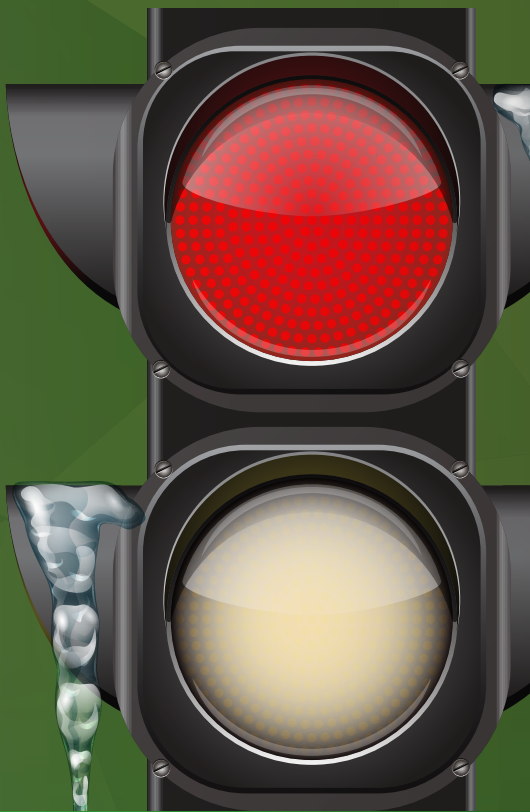
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Conventional Slab

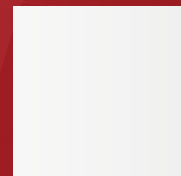
STEP TWO

Stop the Damage @EarlyAge

Green Umbrella® IceStop™ is applied on the surface as the second part of the GreenIce Cure™ system. Working as a fixative, IceStop is sprayed on concrete once power trowels are finished. It creates a protected slab while curing and extends protection during construction. With specially designed properties, this product will densify and add abrasion resistance while repelling water. IceStop increases the strength and longevity of any concrete surface whether covered or exposed in an Architectural Concrete setting. Gloss readings average in the 40s. Start the best floor and Stop the damage all @EarlyAge.



ICESTOP





“MAKING YOUR VISION A REALITY.”

CONSULT

SPECIFY

SUPPORT

“Green Umbrella® directs our clients toward an architectural concrete design that is Versatile, Sustainable, and Economical. A GOAL without a plan is simply a dream. Planning with proven products and methods enables our clients to design and build to highlight the versatile and sustainable features of architectural concrete floors. Our GOAL is to become our client’s source for architectural concrete consulting for every project, from start to finish. Green Umbrella is ready to support by providing a plan, or specification, for the owner and design professional that makes your vision a reality.”

CHOOSE YOUR



SYSTEM