

MAKE YOUR CONCRETE DANCE

HIGH-PERFORMANCE CONCRETE

GREENICE CURE

PROMOTING BEST CONCRETE PRACTICE

CURE AND DENSIFICATION BENEFITS *@Day of Placement™*

ADVANCED CONSTRUCTION STAGING *@EarlyAge™*

PLACEMENT IMPERFECTIONS REMOVED

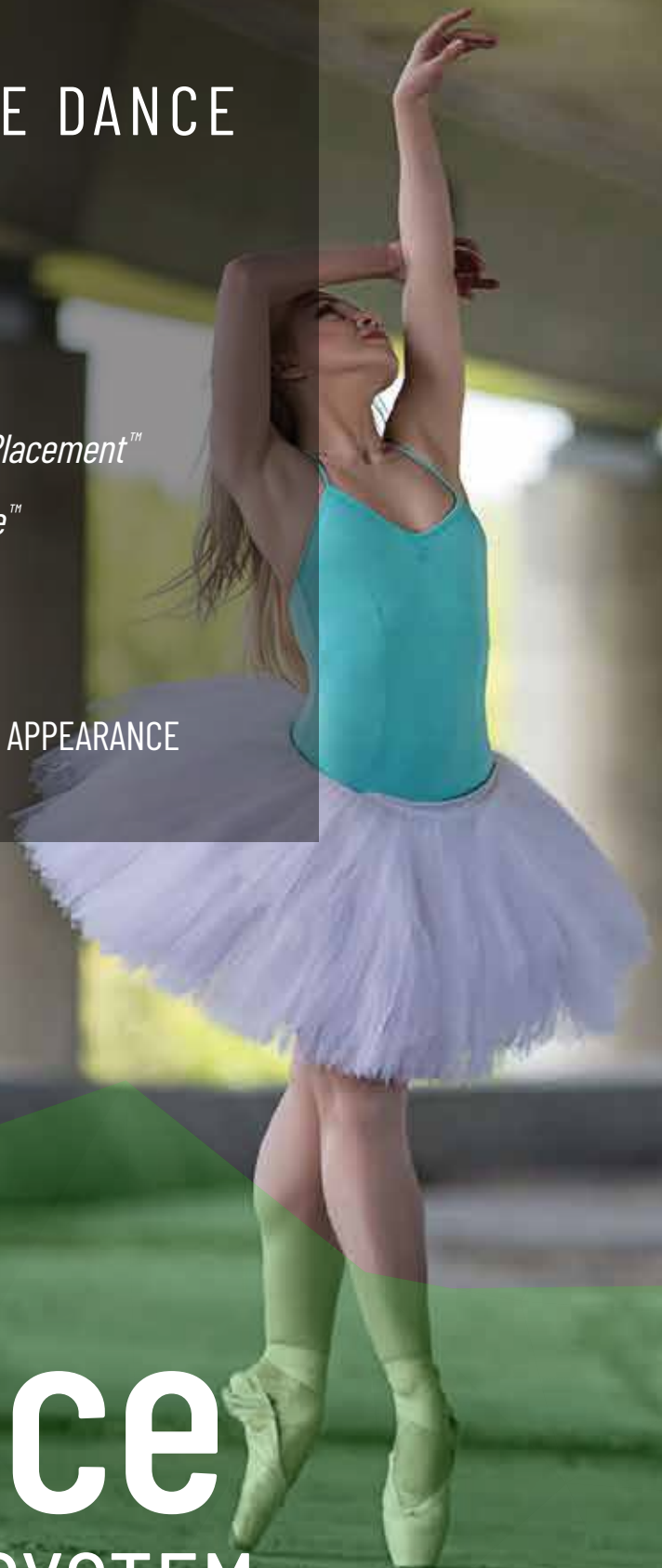
OPTIONAL CLASS OF MECHANICAL PROFILE

OPTIONAL UNCONVENTIONAL POLISHED GLASS APPEARANCE

GREENUMBRELLA®

Greenice

CURE & PROFILE SYSTEM



ARCHITECTURAL APPLICATIONS

DEMANDING APPLICATIONS:

WAREHOUSE/DISTRIBUTION CENTERS FOOD SERVICE
INDUSTRIAL MANUFACTURING HOTELS HOSPITALS

DECORATIVE CONCRETE APPLICATIONS:

RETAIL SPACES & SHOWROOMS MUSEUMS AIRPORTS
BUSINESS OFFICES RESTAURANTS LOBBY AREAS



MAKE YOUR CONCRETE DANCE

Green Umbrella GreenIce Cure & Profile™ System an interior @EarlyAge™ integral concrete cure with a reduced amount of conventional abrasive cuts. Introducing a cure IceStart™, during finishing, followed by a fixative, IceStop™ the GreenIce Cure & Profile™ System creates a highly consolidated and refined surface that is the basis for the highest performance floor. Uniquely promoting best concrete practice, improving edges and ff/fl numbers. With a unique liquid abrasive cutting agent, GreenCut™ and various GC abrasives BigStock™, GC-X™, GC-Fusion™, GCEraser™, and GCPolishPlus™ cover any class of profile, including the option of an unconventional highly reflective glass like polish.

Advancing construction staging allows mechanical profile to be performed days after placement, not months like is the standard— with the use of a conventional grinder or a fitted finishing trowel. The finished treatments, at reduced application rates: Shield & Enhance, salt protection. Interior Microfilm™ is a repairable wear-guard that brings industry-leading hardness, density, abrasion resistance, and ultimate stain resistance. All while retaining the maximum moisture within the concrete during curing for an unconventional architectural concrete floor is truly performance-ready.

GREENUMBRELLA®
GreenIce
CURE & **PROFILE** SYSTEM



@InitialCure

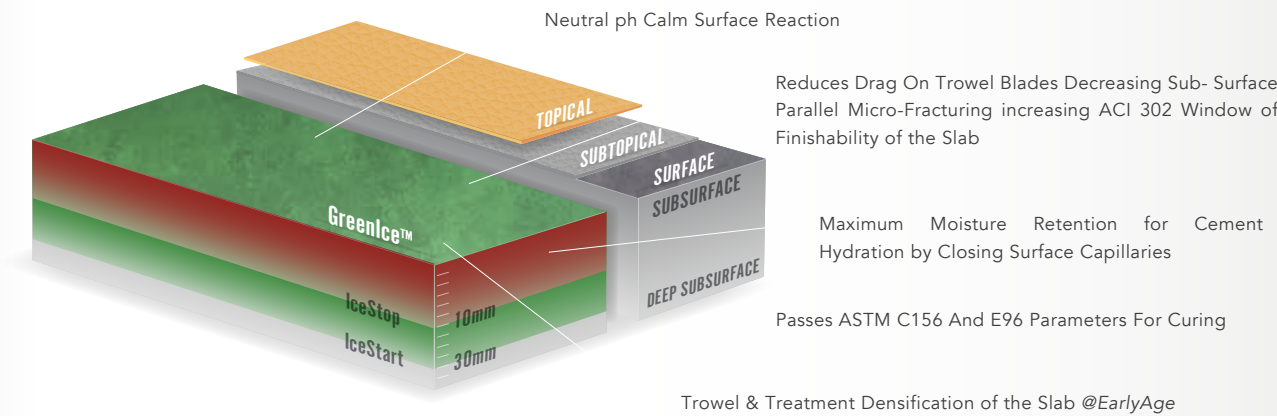
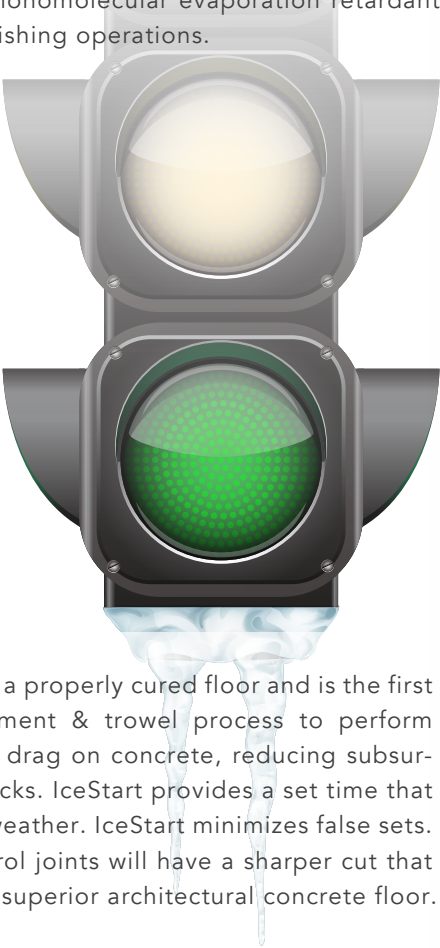
Green Umbrella's GreenIce Cure is a GreenIce Cure System provides a unique pozzolanic film at the surface to reduce the loss of water; maintaining this near surface moisture gives the finisher a larger ACI 302 window of finishability. This film is superior to a traditional monomolecular evaporation retardant reducer because it does not evaporate and remains throughout finishing operations.

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.



CUT YOUR ENVIRONMENTAL IMPACT

GreenIce Cure & Cap uses less products to achieve a super slab



PRODUCT REDUCTION

3
GreenIce Cure

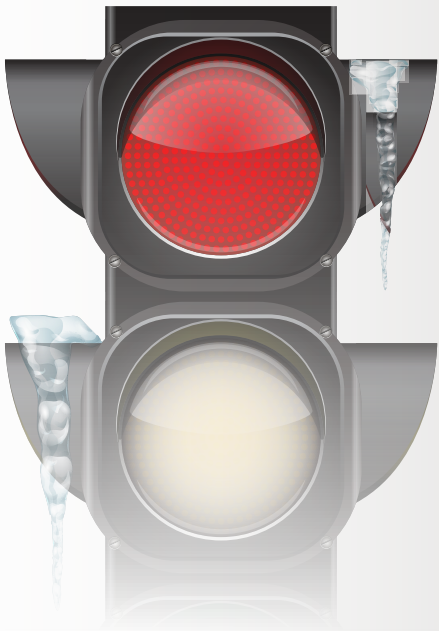
4 - 8
Conventional Slab



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.



@Profile & Polish

GreenIce Cure provides a milled surface to the substrate that advances the abrasive profile stage so that as few as two or three cuts maybe all that is needed for a fully processed architectural concrete floor.

PLACEMENT IMPERFECTIONS REMOVED

OPTIONAL CLASS OF MECHANICAL PROFILE

UNCONVENTIONAL POLISHED GLASS APPEARANCE

Cut Your Labor with a Three Cut Abrasive System

GREEN UMBRELLA®
GreenCut
Abrasive System

GREEN UMBRELLA®
GreenCut

The Foundation of the Profiled Floor

GreenCut™ is a *Neutral Nano Surface Profile Agent*. Used in applications where conventional laborious processing was specified but where a more refined surface and reduction in product treatment is desired.

GREEN UMBRELLA®
GC Big Stock



GREEN UMBRELLA®
GC Polish Plus

GREEN UMBRELLA®
GC Fusion

GREEN UMBRELLA®
GC Eraser

Not all abrasives are designed the same. Our GC abrasives are designed for wet and the tooling design is optimal for GreenCut™. The GC abrasives line up of BigStock™, GC-X™, GC-Fusion™, GC-Eraser™, and GC-PolishPlus™ cover any class of profile, including the option of an unconventional highly reflective glass like polish.

@Hardening

The abrasion resistance of IceStart and IceStop is unconventionally high. Adding to this resistance, after abrasive cuts the hardening and wearguard treatments of the GreenIce Cure and Profile exceed traprock, exceeding competitors ASTM C779 testing. Green Umbrella is of the opinion that a good way to look at install Harding is with a British Standard BS8204-2:2003 "Concrete wearing surfaces code of practice" our system is classified as "Special/DF", 0.05mm, the highest class of wear.



GREENUMBRELLA® SHIELD&ENHANCE

Resisting Salt & Transforming Color

Shield & Enhance™ is a *Penetrating Completely Reactive Silane Modified Densifier* for interior or exterior use. Used in applications where basic hardeners are specified but where a color guard that will prevent oxidization, not simply a color inhibitor— with the highest stain chloride intrusion, stain and salt protection, and high-performance concrete hardener is desired.

GREENUMBRELLA® INTERIOR MICROFILM

Easy To Apply, Quick To Cure, Simple To Maintain

Interior Microfilm™ is a *Penetrating Reactive Interior Microfinish* for Profiled Surfaces for interior surfaces only. Used in applications where basic stain guards are specified but where a more permeant, reactive, and high-performance treatment is desired.

MAKING CONCRETE PERFORMANCE READY

@INITIAL CURE

GreenIce Cure System provides a unique pozzolanic film at the surface to reduce the loss of water; maintaining this near surface moisture gives the finisher a larger ACI 302 window of finishability. This film is superior to a traditional monomolecular evaporation retardant reducer because it does not evaporate and remains throughout finishing operations.

@FINISHING

IceStart retains and maintains initial moisture throughout the finishing process and also acts as a finishing aid. The amorphous silica pozzolan increases the near surface cementitious content. These nano particles have a Mohs hardness of 7 and are all the same size, they act as a lapping compound during the panning and finishing process, milling the near surface micro aggregates forming a tighter matrix through the compression dewatering and unparalleled consolidation during troweling.

IceStop, working as a fixative fuses to form this tighter matrix along with the pozzolanic reaction creates a ceramic like membrane that continues to hold in moisture for more complete curing. This provides unconventional protection from weather conditions
@DayofCure

@FINAL CURE

The conventional slab with a chemical dissipated cure stop working three days after installation and has no affect since. Simply by the appearance of the slab the owner can tell GreenIce is still working. Retaining moisture to provide the best possible final cure.



@OCCUPANCY

The profile system simply looks different than industry slabs. Reflectivity with greater clarity. It's not a hazy, resinous or wax-like appearance. When colorants are used, they do not have the common fade or walk "off" of common concrete products. Wearguards are repairable and easily burnished to first day luster at periodic intervals.

@LIFECYCLE

The Green Umbrella formulations are revolutionary in their creating less environmental impact. Unlike other specified systems that wear off within a year, properly installed, Green Umbrella is proven to have the longest lifecycle.



“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