

GREEN UMBRELLA®

CanvasControl & Profile SYSTEM

Making Your Concrete
Performance Ready



Cure & Densification Benefits @DayOfPlacement
High-Performance Concrete
Optional Profile & Polished Glass Appearance

Unconventional Stain-Resistance
Construction Staging @EarlyAge
Elimination Of Joints & Curl
Optional Integral Color



ARCHITECTURAL APPLICATIONS

Demanding Applications:

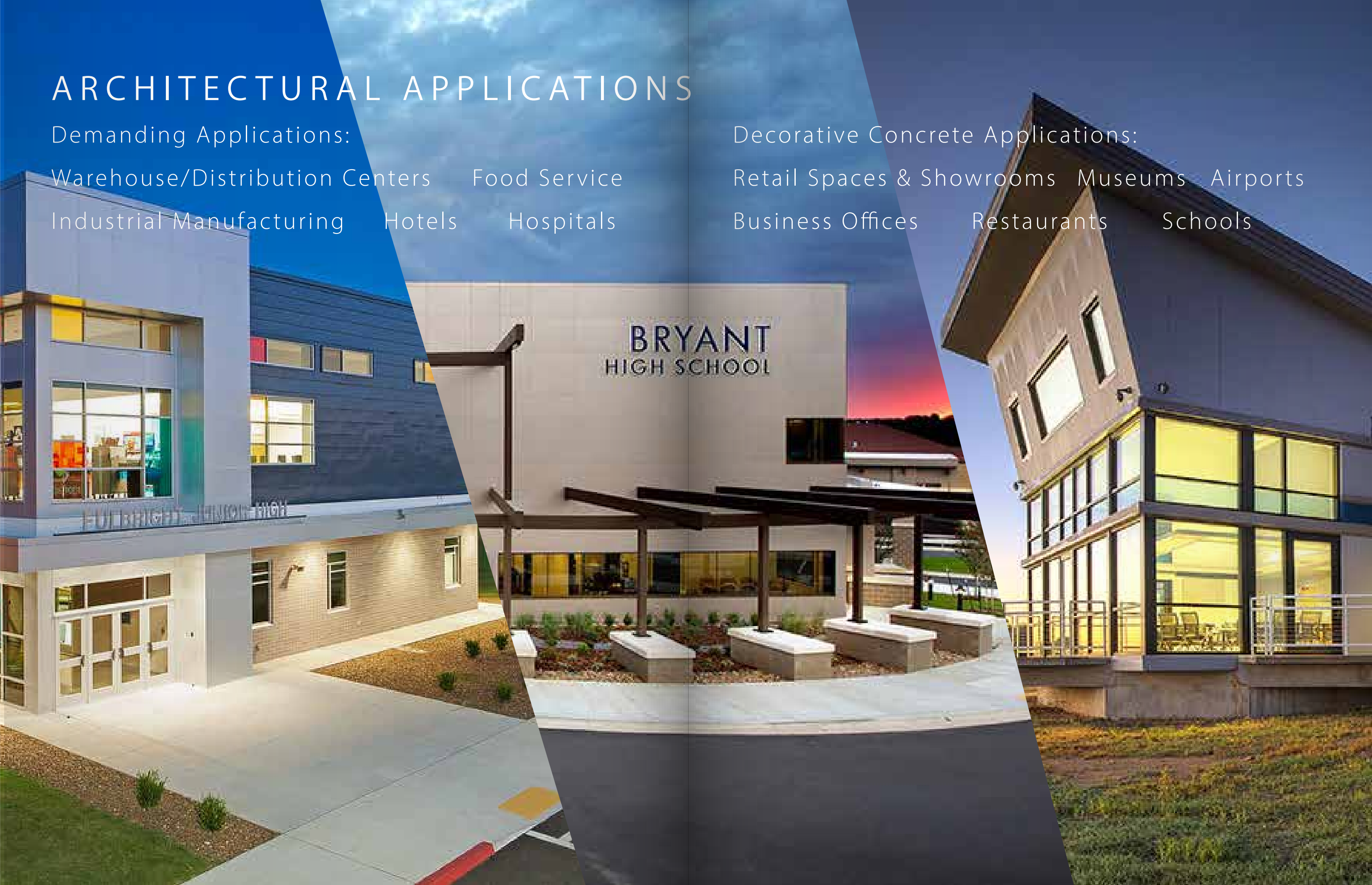
Warehouse/Distribution Centers Food Service

Industrial Manufacturing Hotels Hospitals

Decorative Concrete Applications:

Retail Spaces & Showrooms Museums Airports

Business Offices Restaurants Schools





SLIP RESISTANT
MAINTENANCE
TREATMENTS

**JOINTLESS
FLOORS**
NO JOINTS TO CUT,
FILL OR MAINTAIN

DURABILITY
HIGHEST ABRASION
RESISTANT

**CURL FREE
FLOORS**
REDUCE EQUIPMENT
AND EMPLOYEE
FATIGUE

OWNER
HIGHER ROI
LOWER MAINTENANCE

DUST PROOFING
100% REACTIVE
TREATMENTS



GREEN UMBRELLA®

CanvasControl & Profile SYSTEM

Green Umbrella Canvas Control™ is a system for Interior or Exterior applications. Installed @EarlyAge™ using components that will: cure, color, eliminate control joints and concrete shrinkage, and reduce curl. Using this system, product usage is reduced to only six from conventional concrete placement methods that would require twice the amount of products.

Start with GreenCanvas™, a component for shrinkage compensating concrete, eliminating the expense of joint cutting, filling, and maintenance. For architectural concrete, include ColorPac™—an integral colorant that is more sustainable and economical than conventional surface colorants. Adding FiberLite™, a unique isotropic fiber that is transparent in the mix eliminates plastic cracks. Finishing the slab with the GreenIce Cure & Cap System™ —IceStart™, IceStop™, and IceCap™ provides day-of-placement cure with densification benefits, removing costly remobilizations of trades. Canvas Control is a complete abrasive-free system for architectural and non-architectural concrete placements. This high-performance slab has 2 1/2 the conventional concrete life cycle. It gives the concrete a stretched canvas that's right for anything put on it. Honestly— exhibition ready!

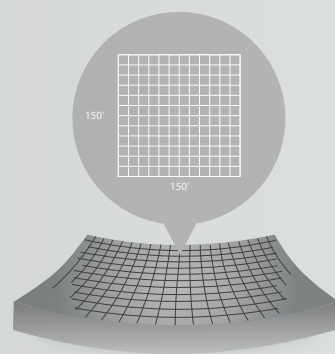
Making Your Concrete
Performance Ready

GreenCanvas

Expansive Component for Sustainable Concrete

Green Umbrella Green Canvas — Producing what many thought impossible, reducing or eliminating concrete curl, simplifying joint layout through reduction/elimination of control joints, and eliminating dry shrinkage cracking. This naturally found, cementitious, inorganic powder will produce a shrinkage compensating concrete when added to standard concrete mix designs. Profiled architectural concrete floors placed with GreenCanvas promote even aggregate reveal desired by owners and design professionals and eliminate joint maintenance. GreenCanvas will increase the life cycle, abrasion resistance, durability, tensile strength, and water tightness of the finished concrete placement. The densification of the concrete results in an increase in the resistance to chloride intrusion and a concrete life cycle that is up to 2 1/2 times conventional concrete. Its mechanical bond with reinforcement, the lack of cracks, and the dense microstructure can eliminate the need for re-bar coating in the harshest of environments.

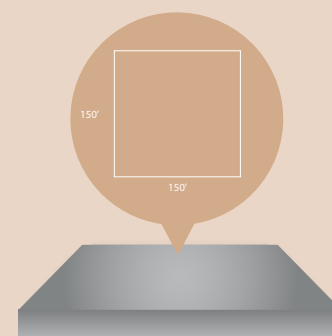
Conventional Cured Slab



Conventional Issues:

Curling at the Edges & Joints
Joints Cut & Filled
Dry Shrinkage Cracking

GreenCanvas Slab



Reduce/Eliminate:

Curling
Joints
Dry Shrinkage Cracking



GREEN UMBRELLA ColorPac

INTEGRAL / @EarlyAge™ NATURAL IRON OXIDE / UV STABLE

Green Umbrella® ColorPac™ integral colors are natural iron-oxide pigments that are permanent and UV stable—engineered to establish performance with even color appearance, stability, and durability in all @EarlyAge concrete placements. ColorPac™ is packaged with the concrete producer in mind in water-soluble bags. When used as an alternative to surface-applied colorants in architectural concrete floors applications saves downtime & labor during construction. Not only is ColorPac™ at an equal or lower cost, but expensive masking and overspray damage to finishes is eliminated. Life-cycle @occupany™ is much greater as a "In concrete" component compared to unpredictable surface colorants. Our color palette extends to over 30 colors with varying intensity options. It is recommended to use a wearguard to enhance surface color and protect surface. Green Umbrella® iron-oxide pigments are natural and made in the U.S.A., providing a solution for those concerned about conventional concrete colorants and environmental impact. ColorPac is fast becoming the "in" concrete for design professionals.



THE 'IN' CONCRETE COLORANT



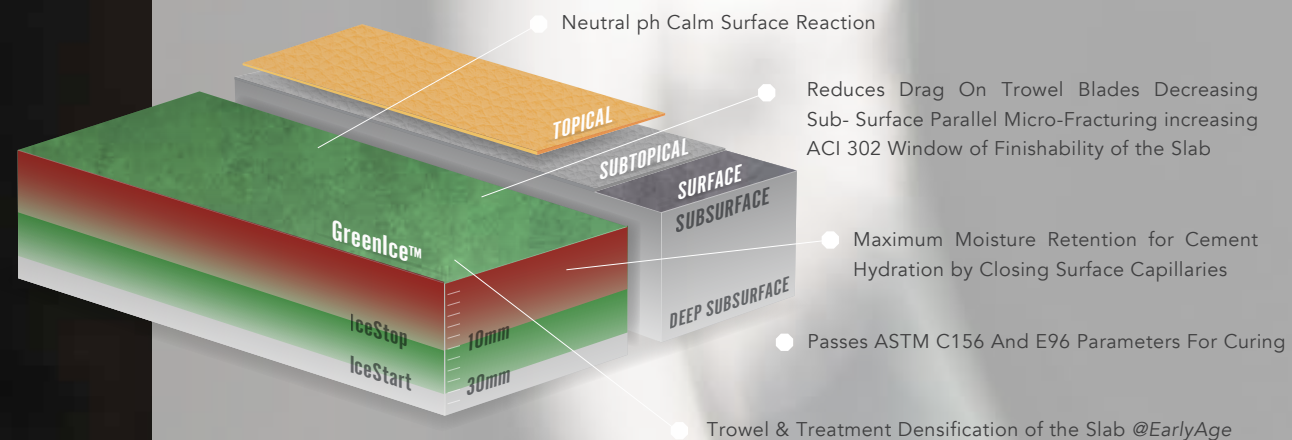
GREENUMBRELLA®

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.



GREENUMBRELLA®

ICESTOP ◻

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.

GREENUMBRELLA®

ICECAP 

CAPPING THE CONCRETE

Green Umbrella® IceCap™ is a durable sub-surface nano-finish for exposed architectural concrete floors. Finish @EarlyAge concrete placed with IceStart™ and IceStop™ with a sub-topical, reactive, penetrating, non-resinous polymer - IceCap™ as soon as days after placement preserving and protecting the finished surface. As the third and final piece of the GreenIce™ Cure system— or as a stand alone concrete sealer, it seals with a breathable, dense, and maintainable layer of protection that will not chip, flake or peel. An impregnating stain guard component providing resistance to harmful contaminants, IceCap doubles as both a stainguard and a wearguard via industry-leading technology and performance. IceCap™ enhances architectural gloss while extending the concrete floor's lifecycle, maintenance, and sustainability, promoting reflectivity, clarity, and cleanliness.

GREENUMBRELLA® GreenCut Abrasive System

The Foundation of the Profiled Floor



GREENUMBRELLA® 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.

GREENUMBRELLA®
GC Big Stock



GREENUMBRELLA®
GC Polish Plus

GREENUMBRELLA®
GC Fusion

GREENUMBRELLA®
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 Polish Plus™ cover any class of profile, including the option of an unconventional highly reflective glass like polish.

GREEN UMBRELLA®
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.

GREEN UMBRELLA®
**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.



***“YOU CAN’T STOP THE RAIN,
BUT YOU CAN STAY UNDER
A GOOD UMBRELLA.”***

ARCHITECTURAL CONCRETE

SYSTEM SOLUTION

UNDER ONE GREEN UMBRELLA

“Our MISSION at Green Umbrella is to bring to the concrete market innovative products combined with a consultative approach that resolves common problems; prevent future issues, and create solutions for architectural concrete. We accomplish all of this with an environmentally conscious systems solution, consistently found under one Green Umbrella.”

