

GREENUMBRELLA®

**THINK
BEFORE YOU
SPEC**





**“MAKE YOUR
VISION A REALITY,
THINK BEFORE
YOU SPEC”**



SPECIFY

As we look to the future, innovation and adopting new technology are integral to moving forward.

Innovation requires thinking about why the systems we have in place exist and if there is no better way to achieve the same goal. The Canvas Control system is an innovation resulting from root cause analysis and combining new technology with long-tested methods to create a superior flooring solution. For example, why do we pour a solid concrete slab only to return and cut joints? Cutting joints is a solution to concrete crack-ing, but is there a better way to address the cracks formed as concrete cures? Instead of placing concrete and returning to alter it, Canvas Control the concrete during placement, meaning returning to cut joints and future joint leveling to curl is unnecessary. As a result, we can create a level concrete floor using fewer treatments, less labor, and less time. The Canvas Control system utilizes patented protected technology and best prac-tice ACI methods to create sustainable, durable, easy-to-maintain concrete flooring.

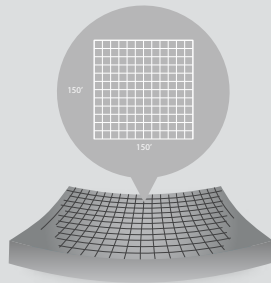
150'x150' SLAB

CURLING

JOINTS

DRY SHRINKAGE CRACKING

Conventional Cured Slab



CONVENTIONAL CONCRETE INSTALLATION

CONVENTIONAL PRODUCTS

CURING BLANKETS

DENSIFIER

JOINT FILLER

BACKER ROD

SAW CUTTING

CURE & SEAL

WET CURE

FINISHING AID

FIBER

REBAR
WWF (WELDED WIRE FABRIC)

VAPOR BARRIER

CONCRETE ADMIXTURES

SPECIALTY: CORROSION INHIBITOR

SPECIALTY: (SRA) SHRINKAGE
REDUCING ADMIXTURE

SPECIALTY: ASR INHIBITOR

PREMIER SLABS

MOISTURE VAPOR REDUCTION ADMIXTURE

TOPICAL MOISTURE MITIGATION SYSTEM

LOAD TRANSFER DEVICES

+



TIME



LABOR



MATERIALS







































FREIGHT



FREIGHT

The rate for a single shipping container has skyrocketed over the last 18 months over disrupted supply chains and trade channels. Routes have seen costs rise by seven times, if not more.

CONVENTIONAL CONCRETE: TIME, LABOR, & MATERIALS

	PRODUCT	MATERIAL	COST IN LABOR	DOWNTIME	ADDITIONAL COSTS IN TIME, LABOR, MATERIALS, & FREIGHT
CONVENTIONAL PRODUCTS	VAPOR BARRIER	.13 - .19 / SF + tape	Yes	Pre-Placement Prep.	   
	WWF (WELDED WIRE FABRIC)	.20 / SF	.57 p/sf	Pre-Placement Prep. Crew + Remobilization + Hours	   
	FIBER	.28 / SF	Minimal	N/A	
	FINISHING AID	.10 / SF	Yes	N/A	
	CURE & SEAL	.03 - .06 / SF	.11 p/sf	Post Placement, Crew + Hours	  
	WET CURE	.25 / SF	Yes	Post Placement, Crew + Hours	  
	CURING BLANKETS	.48 / SF	Yes	Post Placement, Install + Removal, Min. 7 Days	   
	DENSIFIER	.25 - .40 / SF	Yes	Crew + Hours, Typical after 28 Days	   
	SAW CUTTING	.53 / linear foot	Yes	Crew + Remobilization + Hours + Equipment	 
	BACKER ROD	.04 / SF	Yes	Post Placement, Crew + Hours	  
JOINT FILLER	.24 / SF	Yes	Post Placement, Crew + Hours	  	
PREMIER SLABS	MOISTURE VAPOR REDUCTION ADMIXTURE	1.00 / SF		N/A	
	LOAD TRANSFER DEVICE	.75 / SF		Pre-Placement Prep.	   
ADMIXTURES	SPECIALTY: CORROSION INHIBITOR	.15 / SF	Minimal	N/A	
	SPECIALTY: SRA (SHRINKAGE REDUCING ADMIXTURE)	.40 / SF	Minimal	N/A	
	SPECIALTY: ASR INHIBITOR	.40 / SF	Minimal	N/A	



SLIP RESIST
MAINTENANCE
TREATMENTS

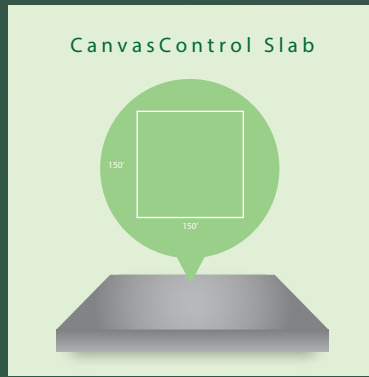
**JOINTLESS
FLOORS**
NO JOINTS TO CUT,
FILL OR MAINTAIN

DURABILITY
ABRASIVE PROCESSED
FLOORS

**CURL FREE
FLOORS**
PROTECTION FOR
WHEELED TRAFFIC

OWNER
BETTER ROI ON
WAREHOUSE

DUST PROOFING
CONCRETE DENSIFIER
TREATMENTS



150'x150' SLAB
NO CURLING
NO JOINTS
NO DRY SHRINKAGE CRACKING
NO PLASTIC CRACKING

GREENICE

GREENCANVAS

FIBERLITE

SHRINKAGE COMPENSATION

Achieve the most efficient and effective concrete shrinkage and increase in impermeability using GreenCanvas - Transparent, Shrinkage Reducing Component*. Flat surfaces remain flat, free of curl. Porosities are blocked by a dense micro-structure achieved through the mechanism of type-g. Mechanical and chemical bond to reinforcement. 2.5x lifecycle enhancement. Durability, improved resistance to abrasion, mitigation against potential soft water reactions.

*Not a SRA - Shrinkage Reducing Admixture

INTEGRATION

GreenCanvas is added to any standard concrete mix by the ready mix supplier or on-site.

REINFORCEMENT OPTION

- Steel Fiber
- WWF (Welded Wire Fabric)
- Rebar

WATER

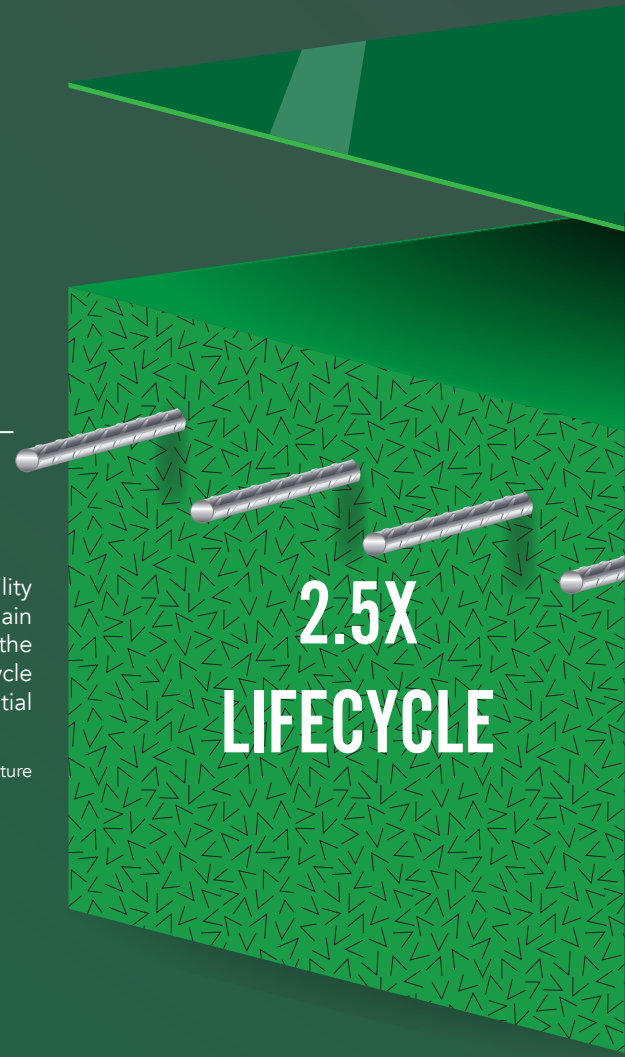
GreenCanvas does not require additional water beyond what the mix design calls for.

DOSAGE

Add in addition to cement or as a partial replacement of cement in percentages depending on engineered performance (6-10%).




JOINTS

Shrinkage Compensating Concrete (SCC) produced by GreenCanvas allows both Design Engineer and Contractor to eliminate 90 - 100% of contraction joints cut in standard concrete design/construction. Expansion joints between adjacent placements will be eliminated by larger monolithic placements made possible when using SCC. Elimination of cuts into the substrate will preserve the flatness and levelness and eliminate the appearance of curl, substantially reducing maintenance expense.



CANVAS CONTROL: TIME, LABOR, & MATERIALS

PRICING BASED ON A 6" 50,000 SF SLAB

PRODUCT	MATERIAL	COST IN LABOR	DOWNTIME	ADDITIONAL COSTS IN TIME, LABOR, MATERIALS, & FREIGHT
GREENICE	.23 / SF	Reduced	Advances construction schedule without downtime	
GREEN CANVAS	1.20 / SF	None	Advances construction schedule without downtime	
FIBERLITE	.09 / SF	Minimal	Advances construction schedule without downtime	



CUT LABOR



CUT DOWNTIME



CUT ENVIRONMENTAL IMPACT



***“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.”

