



GREEN UMBRELLA™

Architectural Concrete Systems



**Cut your
LABOR**

**Cut your
DOWNTIME**

**Cut your
ENVIRONMENTAL
IMPACT**



PRODUCT DESCRIPTION

Green Ice Cap™ is a low VOC ready to use non-dissipating, non-resinous treatment that will produce extremely high gloss readings on a GHP floor, while achieving the highest SCOF readings. It will not whiten, peel or flake and is designed for all surface environments and architectural finishes. Accompanying ICE Start™ and ICE Stop™, It provides an exceptional refined polished slab surface.

BASIC USES

Green Ice Cap™ treatment is the final step in The Green Ice System™. It is an impregnating, non-resinous, sub-topical treatment, not a resin. It reacts with the concrete to produce superior surface hardness, excellent abrasion resistance, reduced permeability, dust proof and non-marking floors, while easy to clean for reduced maintenance costs. When properly installed and maintained will provide exceptional slip resistance even when contaminated with water and similar contaminants.

TECHNICAL INFORMATION

Substrate Location: Surface Treatment

pH: 11.0

Appearance: Milky Liquid

Boiling Point: 212° F

Odor: None

Packaging: 5-gal bucket, 55-gal barrel, 275-gal tote

Shelf Life: 2 years

Vapor Density: >1

VOC (grams/Liter): <50

Active ingredients: 100%

Freezing Point: 32°F

Type: Partially Reactive Contiguous Impregnating Microfilm

Wheel Traffic: 6 - 10 hours

Foot Traffic: 1 hour

Drying Time: 1 hour @ 70°, 77% RH

Specifications/Compliance

- ASTM E 96-10
- ASTM C 944
- ASTM C 779
- ASTM C 1583
- USDA Compliant
- FDA Approved

Directions for Application

Green Ice Cap™ is ready to use and requires no blending. Mild agitation is recommended before application.

Prep: All surfaces must be clean, dry and free of grease, oil, dust, etc. An auto-scrubber is best to clean the surface. Use Green Clean and Degreaser™ for best results. Rinse thoroughly and allow to dry. Remove mold, mildew or fungus. Rinse thoroughly and allow to dry.

Apply first application with Green Umbrella™ sprayer and immediately spread with T-bar and woven Green Umbrella™ applicator. Under average temperature and humidity allow a couple hours before second application. Apply a second coat and allow several hours before burnishing. Note: frequently clean the T-bar of debris and change applicators to avoid streaking. Drying time will change as temp and humidity vary.

Finally to increase the bond and gloss of Green Ice Cap™ burnish with a high speed, head pressured, propane Green Umbrella™ burnisher. It is important to use non-resinous black pads.

As a precaution do not allow water to stand on the surface for the first 72 hours. This allows the film to properly bond with the concrete.

Maintenance: Routine sweeping, cleaning with Green Umbrella Green Clean and Maintainer™ will keep the floor in excellent condition and help maintain the slip resistance at a high level. **Do not use** butyl based cleaners or acidic cleaners as that is harmful to the product.

Be sure to prevent overspray on glass or other materials.



Coverage: 1000 ft² per gallon

Applications: 2

Warranty & Limitations

For a period of ten (10) years beginning the date on which the concrete surface described is treated with Green Umbrella™ products, Green Umbrella™ warrants to the owner that after the specified completed installation, the treated surface will remain water resistant, dust proof, hardened, and abrasion resistant. In the event the surface fails to perform, Green Umbrella™ will at its own expense and its own discretion, supply either sufficient product(s) to repair any such failure, or provide materials cost reimbursement. A manufacturer's representative must be on site to supervise installation.

It is the responsibility of the contractor to follow all directions and requirements as outlined in the Green Umbrella™ installation specifications. A completed Job Survey form must accompany this warranty request.

Green Umbrella™ Companies (GU) solely and expressly warrants that its products shall be free from defects in materials and workmanship for six months from the date of purchase. Unless authorized in writing by an officer of Green Umbrella™, no other representations or statements made by Green Umbrella™ or its representatives, in writing or orally, shall alter this warranty. GREEN UMBRELLA™ MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. GREEN UMBRELLA™ APPLIED TO STANDARD CONCRETE IS EXCLUDED FROM ANY KIND OF WARRANTY. If any Green Umbrella™ product fails to conform to this warranty, Green Umbrella™ will replace Green Umbrella™ product at no cost to the Buyer. Replacement of any product shall be the sole and exclusive remedy available and the buyer shall have no claim for incidental or consequential damages. Any installation of Green Umbrella™ products that fails to conform to such installation information and instructions shall void this warranty. Product demonstrations, if any are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining suitability of Green Umbrella™ products for the Buyers intended purposes.

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