

COLOR INFUSION

THE GREEN ALTERNATIVE TO COLOR ENHANCEMENT FOR POLISHED CONCRETE APPLICATIONS

ECOGUARD™ Color Infusion is a water-soluble concentrate which offers all of the advantages of solvent based dye solutions, with none of the dangers of fumes or flammability issues. Color Infusion dyes are designed to penetrate well into the concrete matrix, and polished to a high-level resin, with minimal to no color loss. Color Infusion is a sustainable, long lasting, easy to apply and maintain, color medium.

Color Infusion uses high quality synthetically manufactured dyes and is not recommended for use in exterior applications. Ideal uses are for polished concrete floors, commercial concrete flatwork or decorative stamping exposed to high traffic such as terminals, lobbies, showroom floors, restaurants, grocery stores, schools, malls, as well as residential kitchen floors, and living spaces. Color Infusion can also be used on concrete countertops, and polished or sealed with approved countertop treatments such as Specco Counter Shine Wax.

BENEFITS:

- NEW IMPROVED FORMULA ALLOWS HIGHER DILUTION RATIO, REDUCED ODOR, AND INDEFINITE DYE STABILITY AFTER DILUTION.
- A DEEP PENETRATING WATER SOLUBLE DYE THAT IS WATER INSOLUBLE ONCE DRY.
- EASY TO APPLY BY CONSTRUCTION GRADE PUMP UP SPRAYER - NO ACETONE RESISTANT SPRAYER REQUIRED.
- SPRAYER CAN BE CLEANED WITH WATER ONLY, NO HAZARDOUS CHEMICALS TO DISPOSE OF.
- EXCELLENT COLOR RETENTION UNDER CONCRETE POLISHING APPLICATIONS, BOTH WET AND DRY.
- DEEP, BRILLIANT COLOR SCHEMES AVAILABLE IN 24 SHADES.
- WATER BASE FORMULA IS SAFER TO USE THAN TRADITIONAL SOLVENT BASED DYES.
- ENVIRONMENTALLY FRIENDLY FORMULA QUALIFIES FOR LEED ACCREDITED PROJECTS.
- VERY LOW VOC CONTENT, NO RELATED FLAMMABILITY HAZARDS DURING SHIPPING OR APPLICATION.



TECHNICAL DATA WORKING AND PERFORMANCE PROPERTIES AT 70° F (21° C) APPROXIMATE VALUES

WEIGHT PER GALLON:	8.52 +/- 0.10 lb./ gallon
pH:	8.5 +/- 0.10
% SOLIDS:	>80.0% +/- 1.0
ODOR:	Very slight
FREEZE POINT:	30°F (-1.1°C)
VOC CONTENT (DILUTED)	<100 g/L (0.50 lb./gal) *After dilution with 7 parts (volume)water

COMPOSITION: Color Infusion contains a proprietary blend of synthetic dyes and emulsifiers. Contains no chromium or heavy metal components.

LEED CREDIT CONSIDERATIONS: Materials and Resources: MR Credit 1.2-Building re-use. Indoor Environmental Quality EQ Credits 4.2: Low emitting materials (VOC < 25 g/L). MR Credits 5.2: Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, Illinois 60901. 90% Content- Harvested within 500 miles. MR Credits 6.2: Rapidly renewable materials.

TEST AREA

Always test Color Infusion on a small area of the surface to be treated before overall application to determine color suitability and results. Use a test location that is out of the way and not in the main area of the final area.

ARCHITECTURAL DESIGNATION

DIV 3 – 03 05 00– POLISHED CONCRETE

RECOMMENDED APPLICATION

SURFACE PREPARATION: It is recommended to apply **Color Infusion** at the 100 Grit level using resin bond diamond tooling. Once complete, ensure a clean surface, with minimal dust contamination. It is highly recommended to both vacuum and damp mop the surface or a single pass with an auto scrubbing machine using a clean rinse and squeegee application. Since **Color Infusion** is a water-based dye solution, it is not necessary for the floor to be completely dry before proceeding. A slightly damp floor surface will not affect the depth of penetration or color.

APPLICATION: **Color Infusion** is a concentrate, which is to be diluted 1:7 parts by volume with potable water. **Color Infusion** is intended to be applied by spray only, using a conical fine spray tip equipped pump-up sprayer or sprayed using a standard fan tip and spread by microfiber or defibrillated nylon brush. Apply **Color Infusion** at a rate of about 400 to 600 SF per gallon. Use rayon micro-fiber applicators or a defibrillated nylon broom (Orange-Crete® brushes are highly recommended) to spread the stain evenly into the concrete surface if desired. Apply the **Color Infusion** in a circular motion that allows for approx. 20% overlap and helps avoid uneven coverage.

Allow to dry 35-45 minutes. Use a high-speed buffing machine with medium aggressive buffing pads (Blue/Green) to obtain optimal removal of excess stain, and to lock in the color into the substrate. **Color Infusion** offers a very low odor, easily sprayed dye solution, with excellent color penetration and water resistance. The newest version of **Color Infusion** is stable after dilution with water and does not have to be used within 24 hours un-like the original version, thereby eliminating any excess waste.

NOTE: To increase color depth and hue, you may reduce dilution ratio to 1 to 3.5 with potable water.

CLEAN-UP: While the **Color Infusion** is still wet, rinse with water only. Use additional cleaning solvents to promptly remove any remaining film residue, as the **Color Infusion** is water insoluble once dry.

COVERAGE: Approximately 400-600 square feet per gallon (37-55 sq. meters/liter).



CAUTIONS

CAUTIONS: THIS IS A CONCENTRATE. Apply when the surface temperature is above 40°F (4.5°C) and rising. The use of a polyester or rayon fiber applicator is recommended to achieve deeper and even color spread. NEVER apply using cotton mops. **Color Infusion** is not suitable for concrete subject to chemical, caustic or solvent exposure or containment, unless properly sealed with a chemical resistant urethane or epoxy. It is not recommended for use in exterior applications due to UV instability of synthetic dyes. **Color Infusion** is to be applied on concrete surfaces that are porous and not yet densified with any silicate product.

AVAILABLE COLORS

CI-61 RAVEN BLACK	CI-62 STORM GRAY	CI-63 SILVER ASH	CI-64 DRIFTWOOD	CI-65 ARCTIC BLUE	CI-66 VEGAS GOLD
CI-67 BEACH SAND	CI-68 COCOA BEAN	CI-69 ROCKY MOUNTAIN	CI-70 BUCKSKIN	CI-71 FAWN	CI-72 MISTY EARTH
CI-73 BAJA BROWN	CI-74 SUNBAKED CLAY	CI-75 CRIMSON RED	CI-76 OLD LEATHER	CI-77 COBALT BLUE	CI-78 CINNAMON
CI-79 MOCHA	CI-80 SADDLE	CI-81 OCEAN BLUE	CI-82 FERN	CI-83 SPRING GREEN	CI-84 GREEN TEA

NOTE: THIS COLOR CHART IS FOR APPROXIMATION PURPOSES ONLY. THE ACTUAL COLORS OBTAINED MAY VARY FROM THIS CHART DUE TO VARIATIONS IN CEMENT, AGGREGATES, ABSORPTION RATE, AND METHOD OF APPLICATION. ALWAYS TEST APPLICATIONS BEFORE HAND TO ENSURE CORRECT COLOR TONE.

GHS HAZARD RATINGS



IRRITANT
RESPIRATORY
TRACT IRRITATION

WARNINGS: HEALTH HAZARD & IRRITANT: ECOGUARD™ Color Infusion is relatively safe to use. Keep containers closed. Avoid ingestion, skin and eye contact and inhalation of the spray mist. Wash hands thoroughly after use and before eating. Refer to product SDS (Safety Data Sheet) for complete health and safety information. FOR MEDICAL EMERGENCIES ONLY – CALL INFOTRAC AT 800-535-5053. **KEEP AWAY FROM FOOD AND DRINK. DO NOT TAKE INTERNALLY. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

HMS SAFETY RATINGS: HEALTH = 1, FLAMMABILITY = 0, REACTIVITY = 0, PERSONAL PROTECTION = C

SHIPPING CLASS: ITEM 33880, SUB 2, LTL 55 CONCRETE SEALER-WATER BASE-NOT REGULATED BY D.O.T.

PACKAGING: 1-pint bottles (8 pints /case), or 5-gallon (18.9L) pails

STORAGE: 40° to 90° F. Keep from freezing. If frozen, allow to thaw to room temperature and mix before applying.

SHELF LIFE: 2 years properly stored

WARRANTY: Concrete Earth, LLC (CE) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of CE, no other representations or statements made by CE or its representatives, in writing or orally, shall alter this warranty. CE MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any CE product fails to conform with this warranty, CE will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. CE does not authorize anyone on its behalf to make any written or oral statements which in any way alter CE's installation information or instructions in its product literature or on its packaging labels. CE explicitly excludes any written or oral statements or implied warranty on the performance of an applied/installed product manufactured or sold by or through CE. CE has no control over CE application standards adherence, site conditions, atmospheric variations, installer/applicator skill level or the determination of the suitability of any CE products for a specific intended purpose. Buyer shall be solely responsible for determining the suitability of CE's products for the Buyer's intended purposes. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind.

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