

# ECOGUARD

THE GREEN ALTERNATIVE FOR POLISHED CONCRETE FLOORS

## ECOGUARD™ Crack & Surface Repair Kit

A & B RESINOUS COMPOUND FOR REPAIRING NON-MOVING CRACKS

Concrete Earth's ECOGUARD™ Crack & Surface repair system is a two part (A & B) resinous compound, which effectively repairs non-moving cracks and surface damage using recycled glass spheres and recollected cement dust from grinding activity. The resulting repairs are virtually invisible and polish to a high gloss finish, matching the surrounding floor.

### BENEFITS:

- Low odor, water base resinous system with 10 min set time.
- Blends very easily with ECOGUARD™ recycled blend of glass spheres and grinding concrete dust.
- Green solution with no fumes or vapors.
- Fast turnaround.
- Promotes a virtually invisible repair with excellent color matching compatibility.
- Can be colored to match integral or dyed color concrete floors.

**COMPOSITION:** Proprietary blend of polyether polyol, aggregates and additives.

PHYSICAL PROPERTIES:	APPROXIMATE VALUE AT 70°F (21°C):
Weight per Gallon:	9.80 +/- 0.10 lb./ gallon
pH:	n.g.
Flash Point:	175° C
Color:	Whitish/Yellow
Viscosity:	250 mPas~
Solubility in Organic Solvents:	Soluble

**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).

**MIXING RATIOS:** Mix equal amounts of A & B and blend thoroughly. Add ECOGUARD™ Glass Bubbles to match the amount of A&B blended resin by volume, and add the same amount by volume of concrete grinding dust. i.e.: 12 fluid ounces of A& B mixed together, requires 12 oz. by volume of Glass Bubbles and 12 oz. by volume of ground concrete dust. Stir with a paint stick until mixed thoroughly and use as needed. Blend small quantities at a time to ensure material use within 5-10 minutes.

**CAUTION:** Do not use any concrete dust that is contaminated with any epoxy or coatings removal particles.

**SURFACE PREPARATION:** Complete the first grinding pass to the desired sand/aggregate exposure. Damp mop or run an auto-scrubber with water and squeegee to remove all ground, concrete dust. Using a small grinder For existing hard surface floors, clean with detergent as needed to remove any oil, grease, dirt and any other surface contaminants, and rinse thoroughly. Allow the surface to dry for 1-2 hours minimum.

**NOTE:** Backer rods or cementitious fillers can be used prior to the application of the Crack & Surface repair compound to minimize excessive use and runoff in deep holes and cracks A good rule of thumb is to leave ½" to 1" of space to be filled by the Crack & Surface Repair resin.

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**APPLICATION:** Clean and prep the areas to be repaired, vacuuming all loose debris and dust. Pour into non-moving cracks, surface damage and holes as needed, filling the depression to the top. Use a disposable putty knife to scrape off excess runoff as needed or to compress product into a crack, surface depression or hole. The product will expand as it cures and create a dome like appearance at the surface of the repaired area.

Once it is completely hardened, which it can be 20-30 minutes on the average, grind smooth to match surface tension. We recommend applying the ECOGUARD™ Crack & Surface repair system on floors with a profile of no less than 100 Grit Metal bond.

**COVERAGE:** Approx. 50-100 linear feet per mixed gallon of A & B for cracks ranging from 1/8" up to 1/4" wide. Depth of the cracks and the use of filler or backer rods will increase the coverage rate.

**CAUTIONS:** This is a reactive resinous compound of RESIN A and HARDENER B. Do not deviate from the recommended blending rate. May be applied to surface and ambient temperature as low as 40°F (4-5°C) and above. ECOGUARD™ Crack & Surface repair may not be suitable for concrete subject to chemical or caustic exposure or containment, industrial floors, or applications that are exposed to sub-grade water or under continuous submersion. Do not use in exterior applications.

**WARNINGS:** ECOGUARD™ Crack & Surface Repair is harmful if swallowed. It is also an eye and skin irritant. Wear protective safety glasses, gloves, and clothing when handling. Avoid prolonged skin contact-wash skin with soap and water immediately if exposed to avoid irritation. Refer to product M.S.D.S. (Material Safety Data Sheet) for further health and safety information. Keep containers closed when not in use and dispose of accordingly. Keep away from food and drink. **DO NOT TAKE INTERNALLY. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. FOR MEDICAL EMERGENCIES ONLY, CALL INFOTRAC 800-535-5053.**

**H.M.I.S. CODES (Hazardous Materials Identification System):**

HEALTH = 1, FLAMMABILITY = 0, REACTIVITY = 0, PERSONAL PROTECTION = C

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

**PACKAGING:** 2 quart or two gallon kits. (3 /case)

**SHELF LIFE:** 2 years -properly stored

**STORAGE:** 40° to 90° F. **Keep from freezing. If this product is frozen it will separate permanently into two layers and cannot be used. The contents should be discarded with respect to local or state ordinances.**

**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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