

## CRACK REPAIR

### CRACK REPAIR SYSTEM FOR POLISHED CONCRETE

**ECOGUARD™ Crack & Surface repair system** is a two part (A & B) resinous compound, which effectively repairs non-moving cracks and surface damage using recycled ceramic spheres and recollected cement dust from grinding activity.

The **Crack Repair Kit** contains equal parts of A & B resins, as well as matching quantities of recycled ceramic spheres or Glass Bubbles to facilitate on site blending.

Ideal applications are for polished concrete non-moving cracks, small depressions and light surface spalling or impact damage.

The resulting repairs are virtually invisible and polish to a high gloss finish, matching the surrounding floor.

#### BENEFITS:

- **Low odor, resinous system with 10 min set time.**
- **Blends easily with ECOGUARD Glass Bubbles and recollected grinding concrete dust.**
- **Green solution with no dangerous 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.**
- **Finished using grinder fitted with 100 Grit Metal Bond Segments.**



#### LEED CREDIT CONSIDERATIONS:

Materials and Resources: MR Credit 1.2-Building re-use  
Indoor Environmental Quality.

EQ Credits 4.2: Low emitting material (VOC <25g/L)

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

#### APPLICATION

**MIXING RATIOS:** Pour equal amounts of A & B into separate measuring containers. Add equal amounts by volume of Glass Bubbles and the same amount by volume of concrete grinding dust separately to both A & B compounds (i.e.: 8 fluid ounces of A and/or B, requires 8 oz. by volume of Glass Bubbles and 8 oz. by volume of ground concrete dust added to each component). Stir until mixed thoroughly. When ready, thoroughly blend both the A & B slurry together for one to two minutes tops. It is recommended not to exceed a blended mix of 16 fluid ounces to ensure use within 5 minutes of blending.

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

**SURFACE PREPARATION:** Complete the first and second grinding pass to the desired sand/aggregate exposure. Vacuum clean to remove excess surface concrete ground dust. Ensure that the cracks or surface depressions to be repaired are completely dry.

**APPLICATION:** Open cracks to be repaired as needed using a small grinding wheel. Vacuum clean. Pour A/B mixture into non-moving cracks, surface damage and holes as needed, filing the depression to the top. Use a disposable putty knife to scrape off excess runoff as needed and compress product

#### TECHNICAL DATA

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

WEIGHT PER GALLON:	9.8 Lb
pH:	n.G.
FLASH POINT	175° C
COLOR:	Translucent/Yellow
VISCOSITY:	250 mPas~
VOC CONTENT:	< 0.1 g/L

into the crack, surface depression or hole. The product will expand slightly as it cures and will appear slightly above grade following the contour of the repaired area.

**NOTE:** Backer rods or cementitious fillers can be used prior to the application of the Crack 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 Repair resin.

Once it is completely hardened, within 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 50/60 Grit Metal bond.

### COVERAGE

**COVERAGE:** Approx. 50-100 linear feet per mixed gallon of A & B for cracks ranging from 1/8” up to ¼” wide. Depth of the cracks and the use of filler or backer rods will increase the coverage rate.

**CAUTION:** 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. DO NOT USE on concrete subject to chemical or caustic exposure or containment, applications that are exposed to sub-grade water or under submersion.

### GHS HAZARD RATINGS



SKIN & EYES  
IRRITANT

**WARNINGS: HEALTH HAZARD & IRRITANT:** ECOGUARD™ Crack Repair Kit is for use by qualified professional contractors and trained applicators. A or B Resin are harmful if swallowed. They are also an eye irritant and may irritate skin. Wear protective safety glasses, gloves, and clothing when handling. Avoid prolonged skin contact-wash skin with a safe organic solvent to remove, followed by soap & water to avoid irritation.

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.**

**HMIS SAFETY RATINGS:** HEALTH = 1, FLAMMABILITY = 0 REACTIVITY = 0, PERSONAL PROTECTION = C (Impervious gloves, splash goggles).

**HAZARDOUS INGREDIENTS - Section 313:** This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know-Act of 1986 and of 40CFR 372.

**PACKAGING:** 1-gallon (3.78L) bottles, 5-gallon (18.9L) pails, 55-gallon drums (207.9L)

**SHIPPING NAME:** Urethane Resinous Compound

**SHIPPING CLASS:** ITEM 33880, SUB 2, LTL 55

**SHELF LIFE:** 1 year properly stored @ 60° to 80° F

**WARRANTY:**

Concrete Choice, LLC (CC) 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. No other representations or statements made by CC representatives, in writing or orally, shall alter this warranty. CC MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. **Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.**

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