

Technic data sheet:

ECOGUARD

Crack and Surface Repair Kit – 10 min. Reaction

Crack and **Surface** Repair Kit – 45 min. Reaction

A & B resinous compound for repairing non-moving cracks.

PRODUCT DESCRIPTION: isi Germany 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. BEST Joint Filler

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
- PERFECT Joint Filler
- Promotes a virtually invisible repair with excellent color matching compatibility
- Can be colored to match integral or dyed color concrete floors

PHYSICAL PROPERTIES at 70° F (21°C):	APPROXIMATE VALUES:
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 – Outdoor Environmental Quality:

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

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CAUTION:

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

We recommend to use Glas Bubbles from isi as a filler

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. 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 30 – 45 min minimum.

Using a small hand grinder, open up thin cracks , using a “crack chaser” diamond blade. This will ensure good penetration of the Crack repair compound, and remove all loosely attached concrete particles within the existing cracks.

Vacuum clean to ensure that there is no loose dust or particles, and to further dry the interior of cracks/holes to be repaired.

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 # 50 CMB isi Diamond Tool Line.

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 5 – 10 mm of space to be filled by the Crack & Surface Repair resin.

COVERAGE:

Approx. 50-100 linear feet per mixed gallon of A & B for cracks ranging from 10mm up to 20mm wide. Depth of the cracks and the use of filler or backer rods will increase the coverage rate.

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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 4-5°C and above.

ECOGUARD Crack 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.

For exterior applications, please contact our technical department for recommendations and application restrictions.

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**

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: 5 – 10 – 20 – 50 kg

SHELF LIFE: 1 years -properly stored

STORAGE:

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.

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