



EUREPOXY 630

CONCRETE JOINT AND CRACK FILLER

CONCRETE REPAIR EPOXY • INDOOR/OUTDOOR
WALLS/FLOORS

MANUFACTURER

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PRODUCT DESCRIPTION

EUREPOXY 630 is the ultimate solution for re-facing concrete surfaces ranging from 1/8" in depth or greater. **EUREPOXY 630** is a totally Hydrophobic epoxy, and is an excellent flexible system for repairing cracks in concrete surfaces where flexibility is mandatory and elongation is required. It may be used on garage floors, driveways, patio's, plant floors, basement floors, office floors, parking decks, warehouse floors and more.

EUREPOXY 630 is a self leveling concrete crack repair epoxy that is pourable and will seep down into the lower reaches of the crack. It is self tacking and has a tenacious bond to all clean concrete. Elongation is 300%, Flexural is 12,000 to 16,000 psi

TECHNOLOGY

Commercial grade low viscosity, self leveling, 100% solids, two-component flexible epoxy for a lasting repair.

AREAS TO BE TREATED

Indoor and outdoor. Decks, chimneys, pool decks, retaining walls, basements, sidewalks, driveways, patios, warehouses, industrial slabs, garage floors, control/contracting joint, floor-to-wall joints, concrete cracks, mortar joints, seams, spalls, pits, holes, tie rods, and defects.

EQUIPMENT

Measuring cups and mixer attachments, included. If necessary: paintbrush to make surface tacky, dry construction sand, foam backer rod, angle grinder, and pigment.

COVERAGE

Measurements are based on 1/2" joint.

Straight (with no sand): 75 linear feet.

Mixed with sand (4:1 ratio): 375 linear feet.

PRIMARY BENEFITS

- Comes in small or large packaging.
- Easy to mix, mixer included.
- No troweling or finishing necessary.
- Just mix and pour until level.

SURFACE PREPARATION

- Surfaces to be sealed should be clean and free of standing water. Remove any previous sealers, paints, glues, oils, efflorescence or contaminants. Grinding or wire brushing may be required to expose clean surface for proper bonding.
- Remove ground-in dirt, mold, and grease. Vacuum dust and loose particles. Surface may require several days to dry after pressure washing or rainfall.
- Cracks should be chased to 1/2" minimum depth using 4" right-angle grinder or Pearl diamond crack chaser.
- All foreign matter interfering with adhesion must be removed.
- Install foam backer rod if crack will not retain mixed Eureka epoxy.
- Routed crack can be tack coated for optimum adhesion with mixed **630** before adding the sand.
- Do not allow mixed epoxy to contact soil.

PROJECT CONDITIONS

- Substrate should be dry prior to applications.
- Air and surface temperatures should be between 40°F and 90°F (4.4°C and 32.3°C).
- New concrete should be allowed to cure for a full 60 days.
- Epoxy must be applied above 40°F (4.4°C) and should not be subject to freezing temperatures during the curing period.
- Epoxy can bond to damp surfaces, but for best results the substrate should be dry prior to application.

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MIXING PROCEDURE

1. Mix products in small batches.
2. Pre-mix PART A and PART B individually in separate containers using separate mixer attachments or mixing sticks. Avoid cross-contaminations.
3. Combine equal amounts of PART A and B into the plastic containers. The exact measurement is important.
4. Mix for at least two minutes with clean mixing attachment.
5. If desired, add pigment color while mixing.
6. After mixing, allow epoxy to off-gas for 15 minutes before use.
7. When sand is required, slowly add dry sand at a ratio of 4:1. **Tip:** only add as much product as you can easily use within 30 minutes.

PACKING AND STORAGE

Available in two quart or four quart cans. Two gallon, six gallon or ten gallon kits. Storage should be maintained in sealed containers between 40°F and 90°F (4.4°C and 32.3°C) and out of direct sunlight. Excess heat over long periods of time degrades the resin. Avoid freezing.

CLEANING

Clean tools and materials with water immediately after use. Cured resin can be removed using acetone, xylene or mineral spirits.

CONTENTS

PART A: Bisphenol A Epoxy Resin: 25068-38-6
Aliphatic Diglycidyl Ether: 26142-30-3

PART B: Benzenemethanol: 100-51-6
Tetraethylene Pentamine: 112-57-2

WARRANTY

The information and recommendations made herein are based on research and that of others and are believed to be accurate. No Guarantee of test accuracy is made due to the considerable number of variables which can affect field application and performance of products including but not limited to surface conditions, job conditions. Users and purchasers are encouraged to determine the suitability of this product for particular purposes. EOS SYSTEMS warrants this product to conform to stated specifications and be free of defects at time of shipment. The company makes no other warranties either express or implied.

METHOD OF APPLICATION

Walls and Floors

1. Tack coat the routed crack with mixed epoxy using a small brush.
2. Pour in the epoxy until level.
3. If using epoxy mixed with sand, apply using a concrete trowel.
4. Trowel mixed **EUREPOXY 630** into routed crack. If **630** seems too thin and wants to run out of crack just mix in more sand for stiffer consistency.
5. Using a small trowel apply mixed product into routed wall crack forcing mixed epoxy to bottom of routed groove in wall.
6. Broadcasting sand over length of horizontal crack repair to prevent tracking during cure time.
7. Full cure time is 24 hours relative to humidity and temperatures.
8. Lay strips of Masonite or similar material over cracks if immediate traffic use is required.

Injection

1. Fill top surface crack with Hydraulic cement ½" deep.
2. Allow Hydraulic cement to cure 24 hours.
3. Drill ½" hole in middle of crack and insert tube, cement in if necessary.
4. Drill ⅜" hole at top of crack as overflow hole.
5. Mix a quart of **630** epoxy in small measuring container.
6. Pour mixed epoxy into enclosed syringe.
7. Insert tip of syringe into hose near middle of crack.
8. Apply pressure to syringe plunger to fill crack.
9. Repeat this process until epoxy stays level at top hole.
10. Use small clamp to close off tubing before extracting plunger or removing syringe from hose.
11. Allow 24 hours for epoxy to cure.

CUSTOMER/TECHNICAL SERVICE

SYSTEMS provides a variety of technical services regarding the function and use of product. If you have any questions please contact your sales representative for further information 800-259-8855.

SAFETY INFORMATION

Please refer to Safety Data Sheet.

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