

Product Data Sheet

PRODUCT DESCRIPTION

DecoEffects 400C is a low VOC clear epoxy sealer which exhibits exceptional properties previously unavailable with waterborne products. **DecoEffects 400C** is an alternative to acrylic finishes for better wear and chemical resistance over concrete stain or colored concrete.

DecoEffects 400C is ideal for dust proofing concrete and protecting concrete from oil, grease and automotive fluids. It is highly resistant to hydrostatic delamination. Extremely low odor it can usually be installed during work hours. **DecoEffects 400C** is available with a slip resistant additive on request. **DecoEffects 400C** is also used as a primer for Milamar waterborne and solvent base urethanes.

FEATURES

- Dust Proofs Concrete
- Resistant to Automotive Fluids
- Virtually Odorless
- Exceptional Bond to Concrete
- Reduces Cost of Floor Maintenance

TYPICAL USE

Use **DecoEffects 400C** Clear Epoxy Coating wherever a durable, easy to clean, floor sealer is required. Due to its unique formulation, it is particularly well suited for floors on grade or below grade where moisture vapor emission is less than 10 lbs./1000 square feet per 24 hours.

Choose **DecoEffects 400C** Clear Epoxy Coating to reduce maintenance costs, dust proof and brighten warehouses and manufacturing areas.

INSTALLATION

The performance of any floor coating is highly reliant upon proper preparation of the substrate. Substrate must be free of all contamination such as laitance, curing compounds, dirt, oil and grease. Preferred surface texture is similar to 100-grit sandpaper.

DecoEffects 400C Clear Epoxy Coating is normally applied with a 3/8" nap shed resistant roller at a rate of 250-350 square feet per mixed gallon. **DecoEffects 400C** requires

thinning with water prior to use and can be topcoated with **Milamar** urethanes for added durability.

Under standard conditions (75° F, 55% RH), **DecoEffects 400C** has a pot life of 1 hour with a recoat time of 7 hours. Read complete application directions prior to use.

PACKAGING

DecoEffects 400C is packaged in 4-gallon kits. Recommended coverage is 1200 square feet per kit.

STORAGE

For best shelf life, store **DecoEffects 400C** in a dry area at temperatures between 60° F and 90° F. Protect product from freezing. Minimum shelf life is one year from date of manufacture when properly stored.

LIMITATIONS

Do not install on wet (standing water) floors. Surface should be dry to the touch. Do not install in areas receiving direct sun light or where floor will be affected by drafts during curing process. Avoid use where ambient operating temperatures exceed 170°F. Application temperature should be between 65°F and 90°F and under 80% relative humidity. Material temperature should be above 70°F for best workability.

TECHNICAL DATA

Physical Property	Result
Percent Solids	46%
Percent Solids, thinned	39%
Wet Film Thickness	5-6 mils
Pot Life 75° F & 50% RH	1 hr
Recoat Time, 75° F, 50% RH	7 hours
Components	2
Bond Strength ASTM D-4541	>300 psi
Hardness ASTM D-2240	76 (Shore D)
VOC, mixed	95 gram/liter

The foregoing test results are based upon laboratory prepared samples and results may vary if not prepared by a professional technician.

AVAILABILITY

DecoEffects products are available only through selected and approved applicators and distributors. This material is intended for commercial and industrial installations and should be installed by skilled, seamless flooring technicians. It is neither designed for, nor available for, consumer use.

COLOR SELECTION

DecoEffects 400C available in clear only.

See PolyMax PM400 if a pigmented breathable coating is required.

CAUTION

COMPONENTS OF OR PRODUCTS USED WITH AND DURING THE INSTALLATION OF DECOEFFECTS COATINGS PRODUCTS MAY INCLUDE HAZARDOUS MATERIALS. All personnel exposed to or handling materials before and during installation must read and fully understand label precautions and Material Safety Data Sheets.

LIMITED WARRANTY

Milamar Coatings products are manufactured to be free of defects in material and workmanship in meeting the properties specified on its individual Product Data Sheets. Users and installers of Milamar Coatings products are solely responsible for determining the suitability of the products for specific product applications. Milamar

Coatings makes no Warranty or Guarantee, express or implied, including warranties of fitness, design compatibility or merchantability, for any particular use and shall have no responsibility or liability, including direct, indirect or consequential damages, due to injury, delay or third party claims for installation or repair. Likewise, Milamar Coatings assumes no liability of any nature for products that are adjusted in the field or that do not utilize all specified Milamar Coatings components. Should any Milamar Coatings product be proved to be defective within one year from the date of shipment, Milamar Coatings will, at its sole discretion, either replace the material; issue a credit to the customer's account; or provide a cash refund for the initial, paid purchase price of the material. Potential claims regarding product quality must be received in writing by Milamar Coatings within 30 days of the discovery of such potential defect. This Warranty is exclusive of all other warranties, expressed or implied, and may only be adjusted in writing, signed by an officer of Milamar Coatings, L.L.C.

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