



SUPERCOAT™ Breathable Floor Coating

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

SUPERCOAT is a new generation, **low VOC**, epoxy coating, which exhibits exceptional properties previously unavailable with waterborne products. **SUPERCOAT** meets the performance standards, including chemical, abrasion and impact resistance of traditional **heavy-duty** industrial epoxy floor coatings.

SUPERCOAT will perform in areas where heavy-duty industrial floor coatings could not previously be used. Extremely low odor, **SUPERCOAT can** usually be installed during work hours. It can be installed over damp concrete (dry to touch) or over porous concrete. **SUPERCOAT** virtually eliminates pinholes caused by concrete gassing. It is highly resistant to hydrostatic delamination. **SUPERCOAT** has lustrous finish but more slip resistant than high gloss finishes.

FEATURES

- Heavy Duty Epoxy but Waterborne & NO LATEX
- May Be Used Below Grade
- Virtually Odorless
- Exceptional Bond to Concrete
- Reduces Cost of Floor Maintenance
- Excellent Chemical, Abrasion & Impact Resistance
- Variable Surface Textures
- Brightens Work Areas

TYPICAL USE

Use **SUPERCOAT** Epoxy Coating wherever a durable, easy to clean, chemical and abrasion resistant floor finish is required. Due to its unique formulation, it is particularly well suited for floors where moisture vapor emission is less than 10 lbs./1000 square feet per 24 hours.

Choose **SUPERCOAT** Epoxy coating to reduce maintenance costs, dust proof and brighten garages, basements, machine shops and automotive repair facilities.

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 latex, curing compounds, dirt, oil and grease. Preferred surface texture is similar to 100-grit sandpaper. Contact **Tele-Tech** for advice on coating previously coated substrates.

SUPERCOAT Epoxy Coating is normally roller applied with a 3/8" nap, mohair roller at a rate of 200-250 square feet per kit. One coat is sufficient but additional coats may be installed for improved durability.

Under standard conditions (75° F, 55% RH), **SUPERCOAT has** a pot life of 3 hours with a recoat time of 6 hours. (Contact **Tele-Tech at 1-800-459-7659** for assistance in determining specific thickness, preparation and application methods)

PACKAGING

SUPERCOAT is normally packaged in .8 gallon kits. Recommended coverage is 200-250 square feet per kit. Kits also include Cleaner/Degreaser, skid resistant aggregate and deco chips.

CAUTION

Although safe if properly handle, all personnel who are exposed to any chemical must read, completely understand and comply with all precautions and warnings on label and MSDS prior to use.

STORAGE

For best shelf life, store **SUPERCOAT** in a dry area at temperatures between 50° 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, 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, or application temperatures are below 65° F or above 90° F.

COMPLIANCES

Low VOC, SUPERCOAT is currently compliant with all state and local air quality standards but as regulations can change, be sure to consult your state's specific requirements before use.

CHEMICAL RESISTANCE

Unlike conventional waterborne or emulsion epoxies, **SUPERCOAT** Epoxy contains no latex. It is far more resistant to most common industrial chemicals and solvents as well as impact and abrasion than conventional waterborne epoxies. An abbreviated list of chemical resistance and physical properties follows. For more comprehensive chemical resistance analysis, contact **Tele-Tech at 1-800-459-7659**.

REAGENT	30 MIN.	24 HRS.	7 DAYS
Acetone	NA	NA	F
Acetic Acid (50%)	NA	NA	NA
Ammonium Hyd. (28%)	NA	NA	NA
Battery Acid	NA	NA	D
Brake & Hydraulic Fluid	NA	NA	D
Clorox	NA	NA	D
Ethylene Glycol	NA	NA	NA
Gasoline	NA	NA	NA
Isopropyl Alcohol (98%)	NA	NA	NA
Mineral Spirits	NA	NA	NA
Motor Oil	NA	NA	NA
Nitric Acid (10%)	NA	D	D
Skydrol #500	NA	NA	NA
Sulfuric Acid (45%)	NA	NA	D
Sodium Hydroxide (30%)	NA	NA	D
Transmission Fluid	NA	NA	NA
Toluene	NA	NA	F

N/A = NO ATTACK D = DISCOLORED F = FAILED

Physical Property	Result
Percent Solids	51%
Minimum Wet Film Thickness	5 mils per coat
Maximum Wet Film Thickness	8 mils per coat
Pot Life	3 hrs. @ 75° F & 50% RH
Recoat Time, 75° F, 50% RH	6 hours
Cure Time (Complete)	21 days @75°F & 50% RH
Components	2
Bond Strength ASTM D-4541	>300 psi
Hardness ASTM D-2240	76 (Shore D)
Indentation MIL-D-3134F	No Chipping or Cracking
Elongation ASTM D-638	4.3%

Actual test results may vary due to the use of various aggregates, application methods and floor finish. The foregoing test results are based upon laboratory prepared samples and results may vary if not prepared by a professional technician.

AVAILABILITY

MILAMAR products are available only through selected and approved applicators and distributors. This material is intended for residential and light commercial installations

Custom design assistance may be obtained by contacting **Tele-Tech at 1-800-459-7659** 8:00 AM through 4:00 PM Central time.

COLOR SELECTION

Standard colors are Stone-gray, Sandstone, Ivory, Cobalt Blue, Emerald Green, Firebrick Red and Slate Gray. Safety yellow is also available with lead time.

CAUTION

COMPONENTS OF OR PRODUCTS USED WITH AND DURING THE INSTALLATION OF MILAMAR 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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