

DESCRIPTION

Two-component, low-VOC, waterborne epoxy with moderate grit.

COLOR

Available in light gray, safety yellow, tile red, black, and beige.

PACKAGING

Available in one and five gallon kits.

USES

WearCOAT SG-LP is designed for used in wet areas with heavy pedestrian grade traffic. It is ideal for use in areas with barefoot or casual shoe traffic such as pools, locker rooms, showers, pleasure boats, docks, walkways and decks.

Technical Data

Flash Point:	>200°F (93°C) PMCC
Volume Solids:	62%
Coverage Rate:	Roller – 90 sq. ft. per gallon Spray – 110 sq. ft. per gallon
Dry Time, (72°F, 50% R.H.):	Foot Traffic – 24 hrs. Heavy Service – 72 hrs. Full Cure – 7 days
Coefficient of Friction: (ASTM F-609)	Dry – 0.88 Wet – 0.85
Cleanup:	CFI 704 Thinner
Min. Application Temp.:	50°F *Must be 5°F above dew point
Service Temp.:	200°F (90°C) Dry Heat Resistance
Pot Life, (70°F, 50% R.H.):	45 min. @ 72°F (22°C)
Shelf Life:	24 Months in closed container stored @ 50°F to 90°F
Induction Time:	None
V.O.C.:	0.5 lbs. per gallon (60g/L)
Relative Humidity:	85% Max.
Primer:	Concrete – WearCOAT 1020 Steel – Urethabond 104

SURFACE PREPARATION

All surfaces should be dry and cleaned of all oil, grease, and dirt. Concrete surfaces must be etched or blasted in accordance with normal surface preparation recommendations for concrete floors as outlined in ASTM D-4258, ASTM D-4259, ASTM D-4260, and ASTM D-4262.

Old coatings should be removed by chipping, sandblasting, or grinding.

New Concrete – Newly poured concrete must age at least 30 days at temperatures over 70°F before coating. Concrete should have a minimum of 3,000 psi at the surface when tested with a schmidt hammer.

All efflorescence and laitance should be removed by blasting, or grinding.

Old Concrete – Dirt, grease, or other contamination should be removed with suitable cleaners. Deteriorated areas of concrete should be removed, and, if deeper than 1/2", should be grouted back to original level of concrete.

Prior to surface cleaning, the floor should be tested for the presence of capillary moisture by moisture meters or by the plastic sheet method (ASTM D-4263).

Steel – All surfaces must be dry, clean and free of all previous coatings, rust and surface contamination. Minimum surface preparation is abrasive blast.

Blasted surfaces must be coated within 8 hours. Prior to blast cleaning, remove all deposits of oil or grease using solvent.

Wood – A clean, sound wood surface is required. Remove any oils and dirt from the surface, using degreasing solvent or strong detergent. Follow with sanding to remove loose or deteriorated surface wood and to obtain the proper surface profile.

LIMITED WARRANTY: All statements, technical information and recommendations contained herein are based on tests the manufacturer believes to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective at the time the sealed container is first opened, and in no event beyond the published shelf life. Neither seller nor manufacturer shall

be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. At no point shall a claim of loss or damage resulting from use of the product exceed the purchase price allocable to the product giving rise to the claim. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. All data, statements and recommendations made herein are based upon information manufacturer be-

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Previously Painted Surfaces — If the paint is peeling or degrading in any way, it should be completely removed by sanding, blasting or stripping. If previous paint coating is completely intact, the surface may be cleaned with a strong detergent or solvent and scuff sanded to remove the gloss.

MIXING

WearCOAT SG-LP epoxy is mixed as follows:

Mix Part A for 2 to 3 minutes to assure full dispersion of pigment.

Pour Component B (hardener) into Component A (resin). The resin container has room to allow for hardener and stirring. Stir at low speed to prevent air entrapment for 2 to 5 minutes (base mixing time on temperature and viscosity), using an "in the bucket" mixer, or jiffy mixer. Thorough mixing is required.

DO NOT SCRAPE OR DRAIN PAILS.

DO NOT THIN THIS MATERIAL.

APPLICATION

DO NOT THIN FOR APPLICATION.

Roller — Pour freshly stirred material onto deck or floor in a band approximately 2' long and 6" wide. Using a phenolic roller, roll material in one direction only in slow straight strokes pulling material toward you with a moderate amount of pressure on the handle.

Do not over roll too many times or press down too heavily. Be careful that material does not build up too thickly along welds (rolls across welds, not along them).

Material applied too thickly may not cure properly. Higher temperatures will shorten drying time and conversely, lower temperatures and high relative humidity will lengthen drying time.

Exterior applications must be protected from rain for at least 12 to 24 hours after application depending on humidity.

Protect from heavy or extended exposure to water, oil and chemicals for 5 to 7 days.

Spray — Sprayed applications will result in uniform appearance with good non-slip characteristics.

DO NOT THIN.

Thinning could result in grit not remaining properly suspended. Specialized mastic type spray equipment is required. A recommended setup is as follows:

- a) A 5 gallon bottom outlet pressure tank equipped with a double regulator and an air driven agitator along with a 1" I.D. outlet pipe.
- b) Twenty-five feet of 3/8" air hose with 3/8" female connectors at each end.
- c) Twenty-five feet of 3/4" material hose with 3/4" female connectors at each end.
- d) A Binks Model 7E2 spray gun equipped with 1/4" fluid nozzle and a 1/4" internal air cap or a Binks Model 52-2012 (4 foot) pole gun equipped with same fluid nozzle and air nozzle.

Minimum air supply required is 20 CFM at 90 lbs. pressure. Recommended pressure is 15 to 20 psi on material and 20 to 25 psi on atomization.

IMPORTANT: *Always keep atomization air pressure higher than pot pressure.* Keep agitators running *slowly*. Good coverage and film thickness will be obtained working at 18" or 24" distance from surface.

Overlap strokes about 50%. Make sure of wet application. Very little abrasive rebound will be noticed at 15 psi; however, it will be more noticeable at higher pressure.

When temperature is above 80°F, it is advisable to flush the spray equipment with water every hour or so in order to prevent the possibility of any material setting up and plugging the equipment.

DO NOT FREEZE.

PRECAUTIONS

Wear safety glasses and impervious gloves. Maintain good ventilation and avoid breathing vapors. Avoid prolonged or repeated skin contact. Keep from freezing.

Refer also to Safety Data Sheet.