

### DESCRIPTION

Two component, rapid curing, self-sealing, heavy duty nonskid epoxy coating.

### COLORS

Available in gray, yellow, red and black.

### PACKAGING

1-gal or 5-gal units. Slack filled to allow for easy mixing in the Part A container.

### USES

WearCOAT SG-4 provides superior floor-coating toughness with chemical resistance.

It is ideal for use in marine and industrial steel or concrete surfaces to provide the highest possible level of anti-slip properties. Curing occurs rapidly at 70°F (22°C) allowing heavy traffic in 24 hours. Curing is possible down to 35°F (2°C) in 48 to 72 hours. These properties make WearCOAT SG-4 suitable for application in a wide array of areas and uses where minimal down time is important.

WearCOAT SG-4 also offers superior chemical resistance to acids, alkalis, solvents, grease, oil, salt water, alcohol, gasoline, jet fuels, and hydraulic fluids.

Technical Data	
Coverage Rate:	30 to 40 sq. ft./gal. @ 1/32" to 1/16" DFT
Application Temp.:	40°F-80°F (5°C-27°C). Must be 5°F (3°C) above dew point.
Pot Life @ 72°F:	30 minutes
Dry Time:	Light Traffic: 12 Hrs @ 72°F (23°C) 36-48 Hrs @ 40°F (5°C) Heavy Traffic: 24 Hrs @ 72°F (23°C)
V.O.C.:	<340 g/L (2.8 lbs./gal.)
Volume Solids:	100%
Shelf Life:	2 years if unopened
Cleanup:	CFI 711 Thinner, MEK, or Lacquer Thinner
Continuous Service Temp.:	200°F (90°C) Dry Heat Resistance
Induction Time:	None
Relative Humidity:	85% Max.
Coefficient of Friction: (ASTM F-609)	Dry: 1.1 Wet: 1.0
Viscosity:	Slurry consistency
Primer, Concrete: Steel:	WearCOAT 1020, WearCOAT 490 U-104

### CHEMICAL RESISTANCE – 72 HOUR SPOT TEST

Ratings: P – POOR, G – GOOD, E – EXCELLENT

ACETIC ACID UP TO 12%	E	CHROMIC ACID UP TO 20%	G
CHROMIC ACID OVER 20%	P	CITRIC ACID 50%	P
HYDROCHLORIC ACID 20%	G	CALCIUM HYDROXIDE	G
NITRIC ACID 10%	G	PHOSPHORIC ACID DILUTE	G
NITRIC ACID CONCENTRATED	P	SODIUM CHLORIDE	E
SODIUM HYDROXIDE 50%	P	SULFURIC 20%	G
ETHYLENE GLYCOL	E	ACETONE 100%	P
GASOLINE (REGULAR)	E	METHYL ETHYL KETONE	G
JPS JET FUEL	E	XYLENE	G
KEROSENE	E		

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 believes

to be reliable, but are made without any representation or guarantee or warranty of accuracy, and are made with reservation of all patent rights. All products are sold on the condition that the user will evaluate them, as well as manufacturer's recommendation, to determine their suitability for user's own purpose before adoption. Statements regarding the use of the products or processes are not to be construed as recommendations for their use in violation of any patent rights or in violation of any applicable laws or regulations.

## SURFACE PREPARATION

All surfaces should be 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.

Apply to clean, dry surfaces. Remove all dirt and oil residues with a suitable cleaner. Old coatings should be removed by chipping, blasting, or grinding.

**Steel** – Use appropriate NACE/SSPC Surface Prep Standards prior to application of CFI's U-104 primer.

**New Concrete** – Newly poured concrete must age at least 30 days at temperatures over 70°F (22°C) 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 mechanical methods.

**Old Concrete** – Dirt, grease, or other contamination should be removed with suitable cleaners. Deteriorated areas of concrete should be removed and 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 calcium chloride testing.

## MIXING

WearCOAT SG-4 epoxy is mixed as follows: Mix Part A with clean stirring stick for 2 to 3 minutes to assure full dispersion of pigment PRIOR to mixing Part A and Part B.

Pour all of Part B (hardener) into the Part A (resin) container. Part A is filled to permit adding for Part B and stirring.

Using an "in the bucket" Jiffy-style mixer, stir at low speed to prevent air entrapment for 2 to 5 minutes. Base mixing time on temperature and viscosity. Thorough mixing is required.

## APPLICATION

Pour freshly stirred material onto deck or floor in a band approximately 18" to 24" wide.

Using a core roller, spread the SG-4 evenly by pulling puddle toward applicator. Press down on roller with even pressure while pulling. Avoid back and forth motion. Watch for thick, thin or uneven spots and immediately pull roller over these imperfect areas. With puddle nearly rolled out, pour additional mixed material over remaining puddle and continue application as above. Nominal applied thickness is 1/32" to 1/16".

Mixing and application process should be coordinated and continuous so wet edge is maintained to provide a uniform anti-slip surface texture and appearance. Mix only enough material for immediate application.

**DO NOT SCRAPE OR DRAIN MIXING CONTAINERS.**

## PRECAUTIONS

Wear safety glasses and impervious gloves.

Maintain good ventilation and avoid breathing vapors. Avoid prolonged or repeated skin contact.

**READ THE SAFETY DATA SHEET PRIOR TO USE.**