

DESCRIPTION

Two-component, catalyzed, nonskid epoxy coating for use with heavy vehicular traffic.

COLORS

Available in medium gray, yellow, red and black.

PACKAGING

- 5 gallon unit containing 5 gal. slack-filled can resin/aggregate and 1 gal bag of hardener nested in the pail.
- 1 gallon unit containing 1 gal. slack-filled can resin/aggregate and 1 qt. can hardener.

USES

WearCOAT SG-3 is a nonskid epoxy coating that provides safer footing and better traction for personnel and equipment. WearCOAT SG-3 is a heavy vehicular-grade coating recommended for areas where a tough, chemically-resistant, heavy duty anti-slip is required.

WearCOAT SG-3 offers excellent chemical resistance to acids, alkalies, solvents, fuels.

Technical Data	
Flash Point:	92°F (33°C) cc
Volume Solids:	68% (mixed)
Coverage Rate:	40 to 60 sq. ft. per gallon @ 1/32" to 1/16" DFT
Dry Time, (72°F, 50% R.H.):	Foot Traffic – 12 hrs. Heavy Service – 48 hrs. Full Cure – 7 days
Cleanup:	CFI 704 Cleaner, MEK, or Lacquer Thinner
Min. Application Temp.:	55°F Min., to 95°F Max. *Must be 5°F above dew point
Continuous Service Temp.:	200°F (90°C) Dry Heat Resistance
Pot Life @ 72°F:	4 hrs.
Induction Time:	None
V.O.C.:	<2.1 lbs. per gallon (250 g/L)
Relative Humidity:	85% Max.
Coefficient of Friction: (ASTM F-609)	Dry – 1.05 Wet – 1.05
Viscosity:	Slurry consistency
Primer, Concrete: Steel:	WearCOAT 1020, WearCOAT 490 Urethabond 104

CHEMICAL RESISTANCE – 72 HOUR SPOT TEST

Ratings: P – POOR, G – GOOD, E – EXCELLENT.			
ACETIC ACID UP TO 12%	G	CHROMIC ACID UP TO 20%	P
CHROMIC ACID OVER 20%	P	CITRIC ACID 50%	G
HYDROCHLORIC ACID 20%	E	CALCIUM HYDROXIDE	E
NITRIC ACID 10%	P	PHOSPHORIC ACID DILUTE	G
NITRIC ACID CONCENTRATED	P	SODIUM CHLORIDE	E
SODIUM HYDROXIDE 50%	E	SULFURIC 20%	G
ETHYLENE GLYCOL	E	GASOLINE (REGULAR)	E
METHYL ETHYL KETONE	P	JP5 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 be-

lieves 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 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).

MIXING

WearCOAT SG-3 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.

APPLICATION

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

Using a core roller, spread anti-slip evenly by pulling puddle toward applicator.

Press down on roller. 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.

PRECAUTIONS

Wear safety glasses and impervious gloves.

FLAMMABLE.

Keep away from heat and open flame.

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

Refer also to Safety Data Sheet.