

# AMSTEP AP100

## ONE-COMPONENT EPOXY BASED ANTI-SLIP FLOOR AND DECK COATING

### DESCRIPTION

**AMSTEP AP100** is a one-component modified epoxy anti-slip floor and deck coating engineered to resist heavy pedestrian traffic. This coating is easy to apply and adheres to metal, concrete and wood surfaces.

**AMSTEP AP100** is fire retardant when dry. It resists oil, gasoline, acids, caustics, and most solvents. Since it's a one-component product it may be resealed and saved for future use.

### SURFACE PREPARATION

**AMSTEP AP100** must be applied to only clean dry surfaces. Remove old loose and flaking paint, rust, loose debris by mechanical means. Remove oil, grease, dirt, wax, etc. with a water-based cleaner/degreaser. Metals surfaces may be primed with **AMSTEP AP Metal Primer**.

Concrete and Wood should be primed using **AMSTEP AP Porous Surface Primer** to seal the surface.

### PROPERTIES

#### VOC

- 2.07 lbs per gallon  
( 248 grams/ liter )  
(California Air District Compliant  
Except not South Coast District  
compliant after 7/2006.

#### Volume Solids

- 62%

#### Dry Time for Light Traffic

- 12 hour @ 70°F (21°C)

#### Dry Through for Heavy Traffic

- 72 hours @ 70°F (21°C)

#### Estimated Coverage

- 50 sq.ft./gal. - roller

#### Weight per Gallon

- 14.8 lbs./gal.

#### Flash point

- 102°F (39°C) -CC

#### Coefficient of Friction

- Dry - 1.20
- Wet - 1.00

#### Packaging

- 1 or 5 Gallon Cans

#### Standard Colors

- Medium Gray, Black,  
Tile Red & Yellow

## APPLICATION

1. Thoroughly mix contents preferably with a mechanical mixer such as a drill motor with a Jiffy mixing blade until mixed material assumes a uniform color and appearance.

2. **AMSTEP AP100** can be applied at surface temperatures between 50°F and 120°F. Application below 50°F is not recommended.

3. **AMSTEP AP100** can be applied by roller, trowel or spray equipment.

## ROLLER

The best anti-slip characteristics are obtained when the product is rolled. Do not thin. Use a smooth napless solvent resistant roller.

1. Pour a "strip" of **AMSTEP AP100** on the surface approximately 2' long and 6" wide.

2. Roll in one direction only by pulling material toward you in slow straight strokes.

Use a modest amount of downward pressure. It is important that the rolled profile expose the maximum amount of non-slip aggregate. If aggregate is not properly exposed, the coating may become slippery when wet.

Do not over-roll or press down too heavily. Make sure that coating is even without any thick puddles. If applied too heavily the coating may not cure properly.

Drying time will vary with temperature. Protect exterior applications from rain for at least 12 to 24 hours. For full cure, protect application from extended exposure to water, oil and chemicals for 5 to 7 days.

## SPRAY

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

**AMSTEP AP100** may be sprayed with spray equipment using a ¼ inch opening spray tip. Various sprayers is available for grit containing coatings. Consult with your equipment manufacturer.

## TROWEL

1. **AMSTEP AP100** may be applied with a smooth trowel such as a flexible plasterer's finishing trowel. Use a trowel about 4 by 12 inches.

2. Pour a "strip" of **AMSTEP AP100** on the surface approximately 2' long and 6" wide.

3. Hold the trowel at a 45° angle to the surface and spread with a full motion. Reverse the angle of the trowel for an opposite stroke. Pull the material toward you. To cover corners, etc. pull straight strokes using material on the trowel.

## Surface Maintenance

**AMSTEP AP100** should be kept clean to ensure that its non-slip safety aspect is maintained. Clean with an all-purpose cleaner/degreaser. Scrub the anti-slip surface with a thick bristled brush or floor machine. Rinse with clean water and let dry. **AMSTEP AP100** is extremely durable, however, frequently traveled areas may require occasional touch up.

### CAUTION

Read Material Safety Data Sheet before using this material.

Contains Solvent. Use only with adequate cross ventilation. Keep away from extreme heat, sparks and open flame. Avoid prolonged breathing of vapors. For dizziness, seek fresh air. Toxic material. Avoid contact with skin. Use gloves, goggles and coveralls. In case of spillage on clothing, change clothing to prevent prolonged contact with skin. Wash contaminated clothing before reuse. Discard contaminated shoes. In case of accidental contact with skin, wash immediately with soap and water. In case of eye contact, flush thoroughly with plenty of water and call physician. If swallowed accidentally, do not induce vomiting. Seek medical attention immediately.

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