SlipDoctors®
LEADERS IN FLOOR SAFETY

BASE COAT PRIMER

TECHNICAL DATA SHEET

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SlipDoctors® **BASE COAT PRIMER** is a two-component, high solids, heavy duty epoxy primer designed for use with other epoxy and solvent-based topcoats. Provides excellent adhesion and protection of steel surfaces. Ideal for both interior and exterior applications on concrete, steel, diamond-plate metal, ramps, warehouses, marine areas, food processing areas, and many other surfaces. BASE COAT PRIMER can be used as a high-performance primer under epoxy, polyurethane, and acrylic topcoats. This product is recommended for use with SlipDoctors® Ultra Grip and Tuff Grip non-slip paints.

Special Features
- Excellent Adhesion to Steel
- High Build Primer or Finish Coat
- Easy to Apply, Self-priming on Steel
- Chemical, Abrasion, & Impact Resistant
- USDA Approved

Suggested Uses
- Indoor / Outdoor
- Warehouse Floors
- Concrete Floors
- Garage Floors
- Base for Flake Systems & Decorative Floors



Product Characteristics and Benefits

Surfaces	Commercial/Industrial Areas: Concrete, Steel, Trailers, Loading Docks, Warehouses, Wet Process Areas, Chemical Processing Plants, Manufacturing Facilities, Food Processing Areas, Marinas, Garage Floors. Can be used as a base for flake systems.
Color	Gray
Finish	Gloss
Container Size	Part A: Gallon Part B: Quart
Product Type	Two-Component, High Solids Epoxy Coating
Coverage	As Primer: up to 300 sq ft per gallon With Flake Systems: up to 120-150 sq ft per gallon Coverage depends on surface porosity and application technique.
Mode of Application	3/8" Nap Roller
Application Temperature	45-120°F (7-48°C)
Pot Life	Three (3) hours @ 75°F (23°C)
Recoat Time	Refer to chart on Page 4.
Thinning	8 - 12 oz of Xylene can be added to each gallon if desired.
V.O.C.	1.34 lbs/gallon
Water/Stain Resistant	Yes
Chemical Resistant	Yes
Storage	Store in a cool, well-ventilated place. Store locked up.
Shelf Life	Minimum 12 months
Limited Warranty	2 Years
Removal	Abrasive blasting
Disposal	Contact a licensed professional waste disposal service to dispose of this material. FIRE FIGHTING INSTRUCTIONS: In case of fire, use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Precautions & Technical Support

Please refer to Safety Data Sheet (SDS) for detailed Precautions and First Aid Instructions. Base Coat Primer Safety Data Sheet can be found at www.slipdoctors.com

Technical Support:
Please contact SlipDoctors at support@slipdoctors.com

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Directions for Preparation, Application and Use

Read the entire product label, Technical Data Sheet (TDS) & Safety Data Sheet (SDS) before using.

Safety Precautions	• Use in a well-ventilated area. • If you scrape, sand, or remove old paint from any surface, you may release lead dust. LEAD DUST IS TOXIC. Contact the National Lead Hotline at 1-800-424-LEAD or www.epa.gov/lead for more information.
Required Safety Equipment	• Chemical-resistant gloves • Eye/Face Protection; Protective Clothing • Mask or NIOSH Approved Respirator
Surface Preparation	Surface preparation varies by surface. Please see chart below for specific instructions for your surface type.

Surface Preparation

All Surfaces	• Do not apply until the surface has been properly prepared. If the substrate is not properly prepared, failure of the product to adhere to the substrate may occur. • All sealers, chemical contaminants, grease, oil, and other foreign material must be removed. • Remove all dirt, grease, oil, soil, chemical contaminants, and other matter before any mechanical preparation. • Surface must be free from any salt contamination.
Concrete	• In all cases of surface preparation, the pH should be checked. A pH reading of 7.0 to 8.5 is acceptable. • A Water Dissipation Test should be made on random areas of the floor to determine if the proper degree of porosity has been achieved. • Before installation, the substrate should be examined for moisture. Use appropriate testing methods to test for moisture vapor and relative humidity. The maximum relative humidity should be below 80%. • <u>New Concrete:</u> Surface must be cured at least a minimum of 28 days before applying a coating. On-grade slabs must have a moisture vapor barrier in place. Mechanical preparation by means of shot blasting or diamond grinding to achieve a profile similar to 60-100 grit sandpaper is recommended. • <u>Old Concrete:</u> Surfaces must be structurally sound. Any unsound areas must be repaired prior to proceeding with application. Remove existing paint and loose concrete by rough sanding, sandblasting, high pressure water cleaning, or grinding. In some cases where allowed, a stripper may be used to remove excessive build-up of paints or sealers.
Aluminum Galvanized Steel Metal Steel	Solvent clean or steam clean. Sweep blast to achieve a minimum 1 mil profile. ALUMINUM OR METAL SURFACES CAN BE SCUFFED AND/OR ETCHED WITH SLIPDOCTORS STONE GRIP BEFORE APPLICATION.
Previously Painted Surfaces	Solvent clean or power wash. Remove loose existing paint by wire brush or other hand tools. Feather edges. Make test application to check for compatibility.

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Application Instructions

Mixing	1. Stir each component to a uniform consistency using a slow speed explosion proof drill with a Jeffy Mixer. Do not mix by hand. Make sure any pigment that settled on the bottom is incorporated. Do not vary proportions. 2. Mix the entire container of Base (Part A) with the entire container of Hardener (Part B) with slow speed explosion proof drill with a Jiffy Mixer. 3. Thin up to 10% by volume for airless spray and up to 20% by volume for conventional spray. When rolling, thin 10-20% by volume. 4. POT LIFE: Three (3) Hours @ 75°F (23°).
Application Procedure	1. Do not apply until the surface has been properly prepared. 2. Always apply a test patch for approval prior to application. 3. Do not apply to surfaces below 45°F (7°C) or above 120°F (48°C). Do not apply over dew or frost. Surface should be dry and at least 5°F above the dew point. Do not apply over expansion joints. 4. Immediately after mixing, apply using a 3/8" nap roller. **5.** **USED AS PRIMER:** Apply two coats at approximately 5-7 mil DFT for light traffic areas. For heavy forklift and high-abrasion areas, a 2-3 mil DFT thickness is recommended. **USED WITH FLAKE SYSTEMS:** Apply between 120-150 square feet per gallon, approximately 8-10 mils DFT. 6. For safety and proper product curing, good ventilation is necessary when painting indoors or in confined areas. **NOTE:** Slight color variations are possible between different lot numbers. For this reason, we recommend mixing paint from different lot numbers together to achieve consistent color results.
Recoat Times	Refer to Recoat Times chart below.

RECOAT TIMES

TEMPERATURE	TACK FREE	MINIMUM RECOAT	MAXIMUM RECOAT
90°F (32°C)	1 – 2 Hours	5 – 6 Hours	3 Days
75°F (23°C)	3 – 4 Hours	7 – 8 Hours	7 Days
45°F (7°C)	8 – 12 Hours	36 – 48 Hours	10 Days

DISCLAIMER & LIMITED PRODUCT WARRANTY

SlipDoctors shall not be liable for any injury, loss, or damage, direct or consequential, arising out of the use or the inability to use the product. Before application, Buyer shall determine the suitability of the product for the intended use, and Buyer assumes all risk and liability whatsoever in connection therewith. Product testing is always recommended before full application. The Buyer assumes all risks and responsibility associated with disposal of the product. SlipDoctors cannot eliminate all possibilities of slip-and-fall accidents.

All properly installed SlipDoctors products are guaranteed to increase the coefficient of friction of the surface for two (2) years, provided appropriate surface preparation and cleaning procedures are followed and no contaminants are present. SlipDoctors shall, at its option, replace only the product. This warranty does not apply to any services or labor provided by the customer, contractors, or other service technicians. This warranty is limited to replacement of the product only. This warranty does not cover (i) color differences, normal color fading, gloss loss, loss of traction, or issues caused by exposure to sunlight, wind, or water; (ii) abrasion or burnishing due to scrubbing, traffic, or other wear and tear; (iii) cracking, chipping, blistering, or peeling caused by structural expansion and contraction, settling, or other movement of building components, by excessive heat exposure, or by water intrusion; (iv) film degradation or discoloration due to mold or mildew; or (v) damages or bonding issues resulting from improper surface preparation or coating application, extraordinary or catastrophic events, or failure to perform regular maintenance.