



DIAMITE OIL STOP PRIMER

*Epoxy Primer for
Oil Soaked Concrete*

1. Product Description

a. **Basic Use:** Diamite Oil Stop Primer is designed to be used over petroleum based oil contaminated surfaces prior to the application of other Metalcrete epoxy and urethane coating and flooring systems.

b. **Features/Benefits:**

- May be applied to virtually any sound, clean and dry substrate including concrete, wood, metal, brick, and stone.
- Provides positive penetration with excellent adhesive properties.
- Long pot life with quick drying characteristic allows Metalcrete flooring system application in a short time after application of Diamite Oil Stop Primer.
- Proportioned for easy mixing.
- Helps provide additional protection against chemical attack.

c. **Typical Facilities:** Laboratories, manufacturing plants, sewage and water treatment plants, airline maintenance hangars, and chemical processing plants.

d. **Limitations:** Diamite Oil Stop Primer should be applied on only sound, clean and dry surfaces. This product is designed to be used over petroleum based oil contamination and not vegetable or animal oil contamination. Do not apply when surface and ambient temperature are below 50°F (10°C) and when temperatures exceed 100°F (38°C).

e. **Composition:** Diamite Oil Stop Primer is a two-component liquid epoxy compound having the viscosity of conventional paint.

f. **Color/Appearance:** Diamite Oil Stop Primer is available only in black.

2. Packaging

Diamite Oil Stop Primer is supplied in units, each containing the proper proportions of liquid components. Standard packaging information is as follows:

<i>Diamite Oil Stop Primer</i>			
<i>Unit Size</i>	<i>Binder</i>	<i>Activator</i>	<i>Shipping Wt.</i>
<i>2 gal. (7.6 liter)</i>	<i>1 gal. (3.7 liter)</i>	<i>1 gal. (3.7 liter)</i>	<i>23 lbs. (10.4 Kg)</i>
<i>10 gal. (37.9 liter)</i>	<i>5 gal. (18.9 liter)</i>	<i>5 gal. (18.9 liter)</i>	<i>118 lbs. (53.5 Kg)</i>

3. Estimating/Coverage

The recommended coverage rate for Diamite Oil Stop Primer is 200-300 sq. ft./gal. (4.9-7.4 sq.m/liter).

4. Technical Data

Diamite Oil Stop Primer is highly resistant to chemical attack including harsh cleaning compounds, most acids and caustics, lubricating oils and greases, vegetable oil and animal fat.

5 Directions for Use

a. **Preparation:** The surface to be treated must be physically sound, thoroughly clean, free of oil spills, wax, loose paint, rust, scale, and completely dry. New concrete must be thoroughly cured for at least 28 days before starting surface preparation. Base concrete must be acid-etched with Bitesin or shotblasted. All acid-etched concrete surfaces must be rinsed and neutralized with potable water and allowed to completely dry.

b. Mixing: Thorough blending of all components is essential. Use a power drill with a Metco Jiffy mixing paddle. First, mix the binder separately; then mix the activator separately. Next, add the mixed activator to the mixed binder and thoroughly blend for at least two minutes at revolution speeds that will not entrap air bubbles into the freshly mixed Diamite Oil Stop Primer. Let stand for two minutes and blend again for two additional minutes.

c. Application: All bare or previously uncoated surfaces should be coated with Diamite Oil Stop Primer. After thoroughly mixing the binder and activator together, apply Diamite Oil Stop Primer with a brush or roller. One coat is recommended and will usually provide excellent priming properties. Thinning with solvent is neither required nor recommended.

d. Working Time/Pot Life: All mixed Diamite Oil Stop Primer should be applied within 30 minutes after mixing.

e. Cure Time: Diamite Oil Stop Primer becomes tack-free in 3-6 hours.

f. Clean-Up: Diamite DL Solvent should be used for cleaning tools and equipment.

g. Maintenance: Diamite Oil Stop Primer surfaces should be cleaned with a Waterzall Concentrate and water solution. Waterzall may also be used at full concentrate strength to remove built-up deposits and stains. Diamite Oil Stop Primer may be reapplied to itself.

6. Availability

Diamite Oil Stop Primer is normally available immediately from your local distributor or it will be shipped within 5 working days upon receipt of order. Please contact your local Metalcrete representative or call Metalcrete directly for more information.

7. Warranty

Diamite Oil Stop Primer is manufactured in strict accordance with the quality control standards of Metalcrete Industries. It is guaranteed to perform as indicated on this data sheet when applied by competent applicators.

8. Technical Service

Metalcrete technical service representatives are available to provide on-site assistance with a minimum three day notice.



Metalcrete Industries