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Epoxy Oil Stop Primer - For Oil Saturated Concrete

Penetrating Deeply into Oil Saturated Concrete to Lock Down Oil Leaving a Clean Surface

Epoxy.com Product #201

GENERAL DESCRIPTION

Epoxy.com Product #201 Epoxy Oil Stop Primer - For Oil Saturated Concrete is a two component, epoxy-amine undercoating designed to be compatible with petroleum based oil and greases. In many instances petroleum can penetrate the surface of concrete floors to the extent that the oil may not be removed by surface cleaning. If untreated, this oil may migrate back to the surface to cause a delamination.

Epoxy.com Product #201 Epoxy Oil Stop Primer - For Oil Saturated Concrete mixes with the oil in the surface, penetrating deeply to tie up and lock in contamination leaving a clean surface for application of epoxy flooring and coating resins.

APPLICATIONS

Epoxy.com Product #201 Epoxy Oil Stop Primer - For Oil Saturated Concrete is suited as a primer for most Epoxy.com epoxy based products where petroleum oil based contamination cannot be fully removed.

Among these applications are the following:

- Assembly Plants
- Bakeries
- Basement Floors
- Bottling Plants
- Break Rooms
- Cafeterias
- Canning Plants
- Car Washes
- Cells
- Chemical Storage Areas
- Chemical Processing Areas
- Church Floors
- Classroom Floors
- Corridors
- Educational Facilities
- Entrances
- Food Plants
- Fork Lift Areas
- Health Care Facilities
- Hospitals
- Kennels
- Kitchens
- Laboratories
- Law Enforcement Facilities
- Laundries
- Leveling concrete
- Loading docks
- Locker Rooms
- Machine Shops
- Manufacturing Areas
- Marine Surfaces
- Meat Preparation Areas
- Mortuaries
- Nuclear Plant Floors
- Offices
- Oil Storage and Processing Facilities
- Patching concrete
- Photography Processing Areas
- Power Plants
- Printing Plants
- Produce Preparation Areas
- Pool Decks
- Ramps
- Research Facilities
- Rest Rooms
- Restaurants
- Secondary Containment Structures
- Semiconductor Plants
- Sewer Plants
- Shop Floors
- Shopping Centers
- Shower Rooms

- Store Floors
- Show Rooms
- Supermarkets
- Veterinary Facilities
- Water Plants
- Warehouses
- many others

ADVANTAGES

- Bonds through petroleum based grease oil
- No need to chip out surface
- Preserves concrete

SURFACE PREPARATION

Concrete should be thoroughly degreased and solvent washed. Create a profile with a wire brush, scarifying, or abrasive blast. As much of the oil should be removed as possible. Surface must be sound. All loose or soft concrete must be removed.

MIXING INSTRUCTIONS

Temperature of **Epoxy.com Product #201 Epoxy Oil Stop Primer - For Oil Saturated Concrete** must be 60°F or above at time of mixing. Stir each component separately before blending. Pour Part A into a clean container and add Part B Stir for three minutes with a low speed electric drill motor equipped with a mixing paddle. Immediately begin application.

APPLICATION

Epoxy.com Product #201 Epoxy Oil Stop Primer - For Oil Saturated Concrete can be applied with brush, or 3/8" nap roller. Apply Epoxy.com Product #201 Epoxy Oil Stop Primer at a rate of 200-320 SF per gallon. Be sure to install your next coat within 24 hours. If for some reason that is not possible be sure to sand off all shine and damp wipe with xylene before recoating.

For more information before installing please see Epoxy.com [installation tips](http://www.epoxy.com/install.htm) at <http://www.epoxy.com/install.htm>.

DRY TIME

Epoxy.com Product #201 Epoxy Oil Stop Primer - For Oil Saturated Concrete will normally be ready to recoat in 8-10 hours. Top-coating before 8 hours can cause some slight bleeding of the **Epoxy.com Product #201 Epoxy Oil Stop Primer** into the topcoat. For best results 16-24 hours should be given.

LIMITATIONS

Before application of **Epoxy.com Product #201 Epoxy Oil Stop Primer - For Oil Saturated Concrete**, New concrete should be at least 28 days old. Temperature of substrate must be between 50°F and 90°F. DO NOT thin. Be sure to install your next coat within 24 hours. If for some reason that is not possible be sure to sand off all shine and damp wipe with xylene before recoating. For outdoor use contact Epoxy.com for

technical assistance.

SAFETY PRECAUTIONS

Prolonged or repeated exposure may cause eye and skin irritation. If contact occurs, wash immediately and seek medical help. Use safety glasses with side shields and wear protective rubber gloves.

CLEANING

All tools and equipment should be cleaned before the system gels. Use MEK, Acetone, or any lacquer solvent.

APPLICATION PROPERTIES @77° F

| | |
|---------------------------------|--------------------------------------|
| Mix Ratio | 1:1 By Volume |
| Solids by weight | 69.5% (min.) |
| Pot Life (200 gr.) | 4-6 hours |
| Tack Free | 2-4 hours |
| Cure Time - Recoat | 4-8 hours |
| Cure Time - Light Traffic | 16-24 hours |
| Final Cure | 2-7 Days |
| V.O.C. - Part A | 2.5 lb. / gallon |
| V.O.C. - Part B | 2.75 lb. / gallon |
| Recommended Thickness | 5-8 mils per coat (wet) |
| Theoretical Coverage per gallon | 200-320 square feet |
| Shelf life | 1 Year (min) |
| Color | Black only |
| Packaging (unit size) | 4 gal. Units (2 gal. A and 2 Gal. B) |

PHYSICAL PROPERTIES

| | |
|---|-----------------|
| Finish Characteristics (gloss at 60 degrees - Erichsen glossmeter) | 40-60 |
| Abrasion Resistance (Taber CS-17 – wheel 1000 gram with 500 cycles) | 0.037 gram loss |
| Impact Resistance (Gardner impact, direct = 50 inch lb.) | PASSED |
| Shore D Hardness | 69 |
| Flexibility (no cracks on a 1/8" mandrel) | PASSED |

Other Epoxy.com Primers

- [Epoxy.com Product #12 Epoxy Primer](#) - a two component, seamless 100% solids epoxy primer system with High Chemical Resistance and High Bond Strength.
- [Epoxy.com Product #203 Cold Temperature Cure Polymeric Primer](#) - is specially formulated primer for cold temperature applications. Able to cure at temperatures as low as 35°F.
- [Epoxy.com Product #671 Conductive Primer/Sealer](#) - is a low viscosity, two component, carbon

filled, polyamide modified conductive primer/sealer formulated with special wetting agents to provide maximum penetration into concrete surfaces.

- **Epoxy.com Product [899 Epoxy Primer](#)** - is a 100% solids Low-Mod Low Viscosity Primer and Sealer.

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Proper mixing and installation is critical to the optimal success of all products. See [Installation Tips](#), [Techdata](#), & [MSDS](#) for more details on our products. Be sure to contact us with any questions and/or concerns that you have.

For more information please contact:

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