



Epoxy.com Product #201

Epoxy Oil Stop Primer

GENERAL DESCRIPTION

Epoxy.com Product #201 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 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 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:

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

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 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

Product #201 can be applied with brush, or 3/8" nap roller.

DRY TIME

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

LIMITATIONS

New concrete should be at least 28 days old. Temperature of substrate must be between 50°F and 90°F. DO NOT thin. 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 |

**FOR INDUSTRIAL USE ONLY
KEEP AWAY FROM CHILDREN**

For more information please contact:

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