Oil Stop Primer

since 1895

OVERVIEW & FEATURES

Oil Stop Primer is a two-component, solvent-based epoxy coating for coating petroleum-based ND oil-contaminated concrete. This product penetrates the substrate for excellent adhesion and is an ideal primer for the oil contaminated concrete substrate.

Recommended for petroleum oil contaminated substrates. This product is not intended for use over vegetable oil, animal fat or synthetic oil contaminated concrete. This product can withstand exposure to many common solvents and chemicals.

APPLICATION

Surface Preparation - Surface preparation will vary according to the type of complete system to be applied. Apply Oil Stop Primer only to a clean surface that is sound and free of all dirt, dust, oil, grease, or foreign contaminants. Shot blasting tends to open oil filled pores that will hinder the application process. The best method for cleaning an oil-soaked floor is best determined on the job location - solvents cleaning, steam cleaning, and water emulsion cleaners can all be considered.

The floor must be dry before application. A test should be made to determine that the concrete is dry; this can be done by placing a 4'X4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate is dry enough to start coating. The plastic sheet testing is also a good method to determine if any hydrostatic pressure problems exist that may later cause disbonding.

Product Mixing - This product has a 1:1 mix ratio by volume. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until streak free. Improper mixing may result in product failure.

APPLICATION

Product Application - We recommend due to the vastly varying contamination parameters, it is recommended that the applicator check both the adhesion of this product to the substrate as well as a thorough evaluation of the proposed intermediate and topcoat selections. Petroleum-based oils have a tendency to migrate upward through newly placed coatings and could cause disbonding if preceding coats are not inspected prior to topcoating. Clean all previous coatings as necessary. This coating should not be used until a sample has been evaluated for suitability and adequate adhesion. Make certain that the floor and air temperatures are between 55˚F and 90˚F (15.5˚C and 32.2˚C). Preferably, the relative humidity should be below 90%. This product should be applied by roller or brush at 5- 8 mil thickness when wet.

Recoat or Topcoating - When the Oil Stop Primer is fully cured, proceed with the next specified coat. Allow sufficient time between all subsequent coatings. Remember that products will require additional time to cure in lower temperatures. Read the individual technical data sheets for each product before proceeding. If different topcoats are desired, contact your local representative for application details before proceeding.

Cleanup - Use xylol.

Floor Cleaning - Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, continue to clean with the product and process as tested.

Restrictions - Restrict use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data). It is best to let the floor remain dry for the full cure cycle.

PRECAUTIONS

- Use with adequate ventalation
- Avoid contact with eyes, skin and clothing
- Wear gloves or protective creams; if skin contact occurs
- In the event of eye contact, immediately flush eyes with water. Contact a physician
- Exposure or inhalation can result in serious medical problems
- Keep out of reach of children
- For industrial use only

Oil Stop Primer

Technical Data	Oil Stop Primer
Color	Black
Solids by Weight	Mixed = 71.5% (+,- 2%)
Solids by Volume	Mixed = 63% (+,- 2%)
Volatile Organic Content (per gal.)	Part A = 2.5 lbs. Part B = 2.75 lbs.
Coverage Rate (kit)	200-320 sq. ft. @ 5-8 mils wet
Recommended Film Thickness	5-8 mils per coat wet 3-5 mils dry
Mix Ratio (by volume)	1 part A : 1 part B
Abrasion Resistance	Taber abraser CS-17 with 1,000 gram total load and 500 cycles = 37.0 mg loss
Flexibility	No cracks on 1/8" mandrel
Finish Coat	Satin gloss (40-60 @ 60°, Erichsen glossmeter)
Viscosity	Mixed = 150-300 cps (typical
Dot Classifications	Part A "Flammable Liquid" N.O.S., 3, UN1993, PGIII" Part B "Flammable Liquid N.O.S., 3 UN1993, PGIII"
Shelf Life	12 months
Impact Resistance	Gardner Impact, direct = 50 in. lb. (passed)

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.

Packaging	Oil-Stop Primer
Kits	2 gal. or 10 gal.
Approx. Kit Weight	2 gal. kit includes: 1 gal. Part A (10.05 lb) 1 gal. Part B (8.6 lb)

Eco-Facts	Oil-Stop Primer
VOC	<310 g/l

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