

WATCO®

Protecting your premises since 1927

Oil Penetrating Primer

Allows hard to clean, contaminated surfaces to be painted



Watco Oil Penetrating Primer is a two part epoxy primer specially developed to aid adhesion to porous floor surfaces that cannot be thoroughly cleaned.

Watco Oil Penetrating Primer is suitable for concrete, brick and masonry, and it will also work on timber surfaces. It is not suitable for use on non porous, previously painted surfaces or metal surfaces. Typical applications include machine workshop floors and factory, warehouse or garage floors.

Watco Oil Penetrating Primer contains solvent which works by penetrating the substrate and combining with oily residues. This also helps to bind together weaker surfaces.

Watco Oil Penetrating Primer is intended for mineral oil residues such as motor oil or cutting oils. It is not usually suitable for vegetable, animal or synthetic oil residues. It will tolerate slight dampness in the substrate.

Watco Oil Penetrating Primer is intended to be overpainted with epoxy floor coatings, but it can be used with many types of floor coatings.

Free small liquid samples are available for trial purposes.

Description

A two part solvent based epoxy primer for porous surfaces.

Appearance

A low viscosity, two part, liquid epoxy coating. Once applied and cured, it gives a black stain to the substrate, not a solid colour.

Availability

4 litre units, consisting of separate resin and curing agent components supplied in a protective outer tin that also serves as a mixing vessel.

Coverage

15 to 20m² per 4 litre pack. Usually only one coat is required.

The nature of the product and its intended use mean that coverage rates cannot be precise. This data therefore gives an indication only.

Shelf Life/Storage

Shelf life is at least 12 months if stored in original containers in a cool, dry place. Keep away from sources of ignition and heat sources.

Surface Preparation

Remove as much oil as possible by scraping or grinding.

Clean the surface with a degreasant such as Watco Concroff Supersafe. It is important to rinse all traces of the cleaner away and allow the surface to dry. If using a solvent based cleaner, follow the supplier's instructions but, again, all traces should be removed before applying Watco Oil Penetrating Primer.

The floor surface should preferably be dry, but slight traces of residual dampness can be tolerated.

If preparing timber, use a suitable cleaner recommended for the purpose and follow the supplier's instructions.

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Mixing

Open the inner tins carefully and pour all of the contents of both the resin and curing agent tins into the clean, empty outer tin. Mix thoroughly with a wide bladed stirrer such as a wooden batten or better still, use a Watco Paint Mixer. Scrape the bottom and sides thoroughly to ensure no unmixed material remains. Decant the mixed product into another vessel (or a paint tray, if applying by roller) and apply to the prepared surface.

Application

Do not apply at temperatures below 10°C.

Apply one good coat of Oil Penetrating Primer to the prepared surface and allow it to dry. Application by brush is preferable, because it allows the primer to be worked into the surface, but if applying by roller, use a medium pile roller, working it backwards and forwards to encourage penetration into the surface.

One coat is usually sufficient.

Cure times and overcoating

At 20°C, pot life is approx 5 hours. Touch dry in approx 2 to 3 hours. Hard dry 16 hours. Lower temperatures will extend curing times.

Do not overcoat until the Primer is hard. Watco Oil Penetrating Primer can be overcoated:

- With solvent free epoxies – after 16 hours, but within 24 hours
- With solvent based paints – after 16 hours, but within 48 hours
- With water based epoxies – after 16 hours, but abrade shiny areas on the surface of the primer before application.

Do not overcoat with floor coatings that will be softened by oil, such as conventional single pack floor paints or most water based acrylic paints. Watco Toughcoat is a single pack water-based paint that can be used on Watco Oil Penetrating Primer.

Limitations

Watco Oil Penetrating Primer can enable a successful floor coating under conditions of deep seated oil contamination that would otherwise be difficult to prepare thoroughly, but it should not be seen as a substitute for good preparation.

Watco Oil Penetrating Primer is suitable for concrete, brick and masonry, and will also work on timber surfaces. It is not suitable for use on non porous, previously painted surfaces, or metal surfaces. It is intended for mineral oil residues – not usually suitable for vegetable oil residues.

Watco Oil Penetrating Primer will not provide a wearing surface – it requires overcoating with a suitable floor coating.

Cleaning of applicators

Use TH99 Cleaner/ Thinner.

If using inexpensive brushes or rollers, it may not be economical to attempt to clean them – it is usually better to allow the product to harden and dispose of them.

Safety

Flammable – keep the product away from heat sources and naked flames.

If using in confined spaces ensure adequate ventilation. Breathing apparatus may be required in very confined spaces.

VOCs

EU limit (Cat A/j); max 500 g/L. Contains max 500 g/L VOCs.

Ordering

Available direct from Watco UK Limited and through agents worldwide. All Watco products are sold subject to the Company's Standard Conditions of Sale.

The Company and its representatives are often asked to comment on potential uses of Watco products, which differ from those described in the Company's data sheets.

Whilst in such cases the Company and its representatives will always try to offer helpful and constructive advice, the Company cannot be held responsible for the results of such uses unless they are specifically confirmed in writing by Watco.

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Masonry Repair Materials

Wall Coatings

Exterior Products

Traffic Control

Metal Coatings

Roofing

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