

Vuba-Prime Oil Guard



Oil Guard



Application

Introduction

Vuba oil tolerant primer is an easy to apply, high strength epoxy resin sealer designed to provide an effective membrane against residual oil contamination in concrete substrates. Oilguard offers excellent levels of adhesion for subsequent Vuba resin flooring products whilst working as an effective moisture and oil tolerant membrane.

Composition

Low odour, solvent free clear 100% solids epoxy.

Size

4kg Unit

Components

Each unit of Vuba-Prime Oilguard comprises of one part Resin and one part Activator. Both components are pre-weighed and ready to mix. Important: Both components should be mixed together in their entirety. Any part mixing is done at the users risk of compromising the cure of the product.

Coverage Guide

You can typically achieve up to 16m² per coat with a 4kg unit depending on the substrate type and condition. Smooth surfaces in good condition are more likely to achieve the full coverage than rough and damaged substrates. The thickness applied will directly affect the coverage achieved.

Tip: Pre-measure the area and follow the coverage rate stated above to achieve an even layer at the recommended thickness.

Appearance

Clear semi-gloss finish.

Availability

We aim to dispatch all standard orders received before 12pm for next day delivery. Custom colours and non-stock items may take up to 3-5 days.

Typical Installations

Vuba Oil Tolerant Primer is applied in wide range of environments where there has been high exposure to oil leading to residual contamination. These conditions are common to MOT bays, engineering workshops and many other warehouse and factory spaces. Oilguard can be used as a primer for paint or screed installations or as a simple dust-free sealer. This epoxy primer is also suitable for use where a DPM is ineffective, providing tolerance of relative humidity readings of up to 85%.

Durability

Priming your floor with Oilguard not only protects against issues relating to oil contamination, but the overall strength and abrasion resistance of the complete system will be improved.

Thickness

This oil tolerant floor primer should be applied at a dry film thickness of 200 microns.

Note: Thicknesses may vary depending on the application rate and condition/type of subfloor.

Substrates

Vuba Oil Tolerant Primer is typically used to overlay concrete surfaces but may be used in other instances subject to preparation requirements. Please contact us if you require any guidance on other substrate types.

Samples

To ensure that you are choosing the right product for the job, we always recommend purchasing an appropriately small amount to trial first. This allows you to gauge the achievable coverage as well as seeing the type of finish in person, which may sometimes appear differently to on the screen or printed out. This is also a good chance to practice the application method, which may be a useful process if previous experience with epoxy floor primers is limited. Hard samples may also be available upon request and can usually be posted within 1-2 days.

Preparation

The floor must be structurally sound, dry and contaminant free. To ensure maximum adhesion and performance from Vuba products the correct preparation methods must be adhered to. Please see our 'Vuba Floor Preparation Data Sheet' for more information. Important: You must clean the concrete floor first with the Vuba Degreaser to ensure all gross/surface oil is removed; Oilguard only tolerates residual contamination and will not bond to greasy or oily surfaces.

Application conditions

The ambient temperatures of the area should not be allowed to fall outside of 10 °C to 25°C throughout the application and the curing period, as this could have an adverse effect on the appearance and colour of the system. Surface temperature must be above 5 °C at all times.

Note: Where possible it is recommended that the application area be heated to a minimum temperature of 15°C to allow the ambient and substrate temperature to stabilise prior to installation.

Mixing

Pre-mix the Resin A component to a uniform consistency then add the full contents of Activator B, mixing both components with a slow speed stirrer for at least two minutes.

Tip: Try to avoid leaving the oil tolerant primer in the tub for extended periods once mixed, as the pot life may be reduced and usability could be compromised quicker than expected. You should aim to pour out and apply well before the end of the product pot life.

Important: Both liquids are pre-weighed and designed to be mixed together in their entirety. It is essential that the full amounts are mixed together and until homogenous to ensure the product cures correctly and to the desired uniform finish.

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Application technique

Pour the mixed oil tolerant primer directly onto the floor surface from the container and evenly distribute the over the prepared surface with a good quality short or medium pile roller, brushing at the floor edges where required. Repeat the process for a second coat at right angles if double-priming has been recommended.

Important: It is essential the primer coat seals the substrate to guarantee oil tolerance across the full floor area. Double priming may be recommended in such instances to be safe.

Cure Schedule (20°C)

| | |
|--------------------|--|
| Pot life | 30 mins |
| Recoat time | 8 hrs (or once surface has lost tackiness) |
| Light traffic | 24 hrs |
| Full traffic | 72 hrs |
| Full chemical cure | up to 7 Days |

Note: The cure schedule is directly affected by the temperature. Cold conditions extend the drying time and vica versa.

Storage

Keep out of direct sunlight and store in a dry place above 15 °C for a maximum of 12 months.

Health and Safety

Please read the relevant Material Safety Data Sheets provided in compliance with the requirements of EC Directive 91/155 before commencing application.