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Technical Data Sheet

EverFlor - Prime OT - Oil Tolerant Epoxy Floor Primer

Two-pack epoxy primer for degreased, oil-contaminated concrete floors



EverFlor Prime OT is an oil tolerant epoxy floor primer for concrete that has previously been exposed to oil, grease or lubricants. It is built for the floors that oil soaks into over years of use: vehicle workshops, garages, MOT bays and industrial units. Apply it after thorough degreasing and mechanical preparation. It seals the prepared slab and gives the following coat a stable base.

Porous concrete absorbs oil below the surface. Degreasing and grinding remove what you can see, but residue stays in the pores. That residue is the usual reason a conventional epoxy primer fails to bond. Prime OT is formulated to tolerate this residual contamination in prepared concrete. It does not tolerate visible oil, standing grease or unprepared floors.

Prime OT is a 100% solids, two-component epoxy resin. The resin and hardener cure by chemical reaction rather than by evaporation. VOC content is below 30 g/l. Overcoat it with a compatible EverFlor floor coating system once it has cured to the recoat stage.

Areas of use:

- Vehicle workshops and garages
- MOT bays and maintenance bays
- Engineering workshops and industrial units
- Machinery areas and plant rooms
- Porous concrete floors previously exposed to lubricants or hydraulic oils
- Absorbent concrete that needs stabilising before coating, inside or outside

Features:

- Oil tolerant formulation: designed for concrete with historic oil contamination that remains in the pores after cleaning.
- Two-component epoxy: resin and hardener react to form a cross-linked film, so it cures by chemistry rather than by drying out.
- No thinning: supplied ready to apply once mixed, so the mix you apply is the mix the factory formulated.
- Seals porous concrete: stabilises absorbent slabs so the floor coating above cures on a consistent surface rather than soaking in unevenly.
- Grey film: the primed floor is easy to inspect for missed areas before the coating goes on.
- Interior and exterior: suitable for concrete floors inside buildings and outdoors.
- Low VOC: keeps solvent odour down in enclosed workshops during application.

Good to know

- Oil tolerant does not mean you can prime over oil. Remove all visible oil and grease first.
- Degrease thoroughly, then grind or abrade. Mechanical preparation removes the contaminated top layer and gives the primer a key.
- If oil continues to migrate back to the surface after preparation, clean again or assess the substrate before priming.
- Deeply saturated concrete may need repeated degreasing and removal of affected material.

- Overcoat the primer with a compatible EverFlor floor coating. It is a primer, not a finished floor.
- Cure and working times shorten in warm conditions and lengthen in cold ones.
- Full cure takes 7 days. Shelf life is 24 months stored between 10°C and 25°C.

Pack sizes: 5kg

Need help? Speak to the experts

Our team will talk you through the preparation and application stages when using EverFlor - Prime OT - Oil Tolerant Epoxy Floor Primer.

Call our team on: 0800 043 8220

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1 Surface preparation

Oil tolerance does not replace preparation. Remove all loose dirt and debris. Degrease the floor with a suitable heavy-duty degreaser. Repeat until no visible oil or grease remains. Rinse away degreaser residues and let the floor dry.

Grind, abrade or otherwise mechanically prepare the slab. This removes the contaminated top layer and gives the primer a key. Vacuum away all dust and loose material. If oil continues to migrate back to the surface, clean again or assess the substrate before you prime.

2 Mixing

Prime OT is a two-component system mixed at 1.76 : 1 by weight (A:B). Stir Part A first. Add the complete Part B. Mix mechanically with a slow-speed paddle until uniform, scraping the sides and base of the tin. Do not add thinners.

Mix ratio: 1.76 : 1 by weight (Part A : Part B), or 100 : 56.9

Full pack: 3.187 kg of Part A to 1.813 kg of Part B. Mix complete packs - the ratio must be maintained for a full cure.

3 Application

Apply between 10°C and 25°C. Cut in edges and corners with a brush. Roll the main area with a medium pile roller, working the primer into the concrete. Apply one even coat and avoid leaving ponds in hollows. Clean tools in warm soapy water straight after use.

4 Overcoating

At 20°C, apply the EverFlor floor coating after 8 hours and within 48 hours. Beyond 48 hours, abrade the primed surface before coating. Allow 7 days for full cure.

5 Safety

Read the safety data sheet for this product before use - it covers the hazards, the protective equipment and what to do if something goes wrong.

6 Ordering

Available direct from Jarvis Industries Ltd. All products are sold subject to the company's standard conditions of sale.

Technical Data Sheet

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Specification	
Components	Two-pack epoxy - Part A resin + Part B hardener
Mixing ratio	1.76 : 1 by weight (Part A : Part B), or 100 : 56.9
Pot life	Up to 45 minutes at 20°C
Finish	Grey
Coverage	3-4m² per kg
Number of coats	1 recommended
Application tools	Medium pile roller. Cut in using a brush
Thinning	Not required - apply as supplied
Usage location	Interior & Exterior
Suitable for	Porous concrete floors, Absorbent concrete substrates requiring stabilisation before coating
Application temperature	Between 10°C - 25°C
Touch dry	6 Hours at 20°C
Recoat after	8 Hours at 20°C
Fully cured	7 days full cure.
VOC content	< 30 g/l
Storage temperature	10°C - 25°C
Shelf life	24 months in an unopened container
Solids content	100%
Cleaning tools	Warm soapy water
Wet film thickness	220 microns
Dry film thickness	220 microns
Number of components	2
Minimum application temperature	10°C
Maximum overcoat	48 hours at 20°C
Principal limitations	Floors must be prepared correctly to ensure good adhesion.
Foot traffic	8 Hours at 20°C
Composition	2 part, 100% solids epoxy resin
Pack sizes	5kg

Drying and curing times are given at 20 °C and 50% relative humidity.

Storage & Handling

- Store upright in the original tightly closed container, in a cool, dry, well-ventilated place out of direct sunlight.
- Store between 10°C - 25°C.
- Protect from frost.
- Keep out of the reach of children.

The information in this sheet is given in good faith and reflects our experience of the product at the date of issue. Conditions of use are outside our control, so it does not amount to a warranty. Anyone using the product should satisfy themselves that it is suitable for the intended purpose, and where the result matters, apply a trial area first.