

Technical Data Sheet

EverFlor - Prime DP

Two-part solvent-free epoxy primer for porous and absorbent concrete

EverFlor Prime DP is a two-part, solvent-free epoxy floor primer formulated for the stabilisation of porous and absorbent concrete. It is the preparation stage in an EverFlor floor build-up - the coat that turns an open slab into a sound, sealed substrate ready to receive a finish.

Porous concrete is the most common cause of a disappointing floor coating. Prime DP is a 100% solids formulation, so everything you apply stays in and on the floor and nothing is lost to evaporation. It penetrates the surface and cures within it, consolidating the top layer of the concrete rather than bridging over it. The result is a substrate that no longer draws the finish coat into itself.

Supplied as a 5kg two-pack unit. Mix the two components by weight, apply one coat over normal porous concrete, then overcoat with your chosen EverFlor floor finish once the priming coat has hardened. As a reactive epoxy it has a defined working window once the activator goes in, so set the area out and mix only when you are ready to apply.



Areas of use:

- Porous concrete floors
- Absorbent concrete substrates requiring stabilisation before coating
- As the priming stage of an EverFlor floor coating build-up

Features:

- Solvent-free two-pack epoxy at 100% solids, so nothing flashes off as solvent
- Penetrates and consolidates the top layer of the slab rather than forming a surface film
- Seals absorbency so the finish coat cures with even appearance and full adhesion
- Ready to use straight from the tin - no thinning required
- One coat covers normal porous concrete
- Applies by medium pile roller, cut in with a brush
- Foot traffic after 8 hours at 20°C, so the finish coat can follow the same day or the next
- VOC content below 30 g/l
- Suitable for interior and exterior concrete

Good to know

The substrate must be sound, clean and dry before priming. Floors must be prepared correctly to ensure good adhesion - this is the principal limitation of the product. Apply between 10°C and 25°C. Mix the full unit at 1.76:1 by weight (A/B) and do not split it into smaller quantities, as an inaccurate ratio can leave the primer uncured. Overcoat after 8 hours and within 48 hours at 20°C. Full cure is reached after 7 days. Store the unit in a cool, dry area between 10°C and 25°C and do not allow it to freeze. Clean tools with warm soapy water immediately after use, before the epoxy begins to harden.

Pack sizes: 5kg

Need help? Speak to the experts

Our team will talk you through the preparation and application stages when using EverFlor - Prime DP.

Call our team on: 0800 043 8220

EverFlor - Prime DP

1 Surface preparation

The floor must be sound, clean and dry before you prime. Remove laitance, dust, oil, grease and any loose or friable material. Floors must be prepared correctly to ensure good adhesion - a primer cannot stabilise a surface it cannot reach.

Work between 10°C and 25°C, with 10°C as the minimum application temperature. Keep the unit in the same range before use.

2 Mixing

Prime DP is a two-component product. Mix Part A and Part B at 1.76:1 by weight. Always mix the full unit. Do not split it into smaller quantities, as an out-of-ratio mix can fail to cure.

Stir to a uniform colour and consistency, scraping the sides and base of the tin so no unmixed material is left behind. Pot life is up to 45 minutes at 20°C, so mix only when the area is set out and you are ready to apply.

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 as supplied - no thinning is required. Use a medium pile roller and work the primer into the surface of the concrete. Cut in at edges and detail with a brush. Apply one coat; this covers normal porous concrete at 3-4m² per kg, giving a wet and dry film of 220 microns.

4 Drying, overcoating and clean up

At 20°C the primer is touch dry in 6 hours and takes foot traffic after 8 hours. Overcoat with your chosen EverFlor floor finish after 8 hours and within 48 hours at 20°C. Full cure is reached after 7 days.

Clean rollers, brushes and mixing tools with warm soapy water immediately after use, before the epoxy starts to harden.

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.

EverFlor - Prime DP

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	3-4m ² 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%
Storage conditions	Store in cool, dry area. Avoid frost.
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.