

Technical Data Sheet

EverFlor - Prime DP

A low viscosity, two-part deep penetrating epoxy floor primer & sealer

EverFlor Prime DP is a clear, two-pack, 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 flashes off as solvent. It penetrates the surface and cures within it, consolidating the top layer of the concrete instead of bridging over it.

Supplied clear in 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:

- Clear, solvent-free two-pack epoxy - 100% solids, so nothing is lost to evaporation
- Penetrates and consolidates the top layer of the slab rather than forming a surface film
- Seals absorbency so the finish coat cures with even gloss 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
- Overcoat the same day or the next, with foot traffic possible after 8 hours at 20°C
- 12 month shelf life in unopened units

Good to know

The substrate must be sound, clean and dry before priming. Apply between 10°C and 25°C, and store the unit in a cool, dry area. Do not allow the product to freeze. Because Prime DP is mixed by weight at 100:60 (A:B), do not split the unit into smaller quantities, as an inaccurate ratio can cause the product to fail to cure. 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

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1 Surface preparation

Mechanically prepare the concrete before you prime. Grinding or abrading removes laitance, curing residues and any failing coating, and opens the surface so the epoxy can penetrate. Remove loose and flaking material back to sound substrate. Sweep and then vacuum the whole area - dust left on the slab will sit between the primer and the concrete and cost you adhesion.

2 Mixing

Mix the full 5kg unit as supplied. Do not split the pack or decant part quantities, as the ratio between the two parts must be maintained for a full cure. Use a mixing paddle on a slow-speed drill and keep the paddle below the surface of the material to avoid whipping air into it. Mix to a uniform consistency, then pour the material into a scuttle or roller tray and begin work straight away. The pot life is up to 45 minutes at 20°C from the moment the two parts are combined.

Mix ratio: 1.67 : 1 by weight (Part A : Part B), or 100 : 60

Full pack: 3.125 kg of Part A to 1.875 kg of Part B. Mix complete packs - the ratio must be maintained for a full cure.

3 Application

Apply one coat by roller, cutting in at edges and around detail with a brush. The product is ready to use - do not thin it. Spread at 3-4m² per kg, allowing for more material where the concrete is markedly absorbent. Feed porous patches until they are evenly wetted out, then move on; the primer is not intended to be built up as a thick film.

4 Drying and overcoating

Prime DP is touch dry in 6 hours and ready to receive the next coat after 8 hours. Overcoat within 48 hours at 20°C. Store unopened units in dry conditions; shelf life is 12 months.

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	1.67 : 1 by weight (Part A : Part B), or 100 : 60
Pot life	Up to 45 minutes at 20°C
Finish	Clear / transparent
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
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
Storage temperature	10°C - 25°C
Shelf life	12 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
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
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.

Technical Data Sheet (continued)

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.