

**PFL Surface Conditioner prepares and conditions PFL Glaze sealed concrete surfaces for re-sealing.**

## Description:

PFL Surface Conditioner is a specially formulated acrylic solution that conditions PFL Glaze sealed concrete surfaces, preparing them for re-sealing. With a low solids content for increased penetrants, PFL Surface Conditioner is engineered to be slow drying to maximise reaction time with the embedded sealer. Following removal of contaminants and delaminated sealer, treatment with PFL Surface Conditioner will significantly improve adhesion of the new sealer, prolonging sealer life and improving sealer performance.

## Precautions:

- DO NOT apply PFL Surface Conditioner only - a sealing coat must be applied over the conditioned surface.
- DO NOT apply to concrete under 28 days old.
- DO NOT apply if ground (NOT atmospheric) temperature is below 12°C or above 30°C.
- DO NOT apply in the middle of the day (i.e. hottest time) or in high humidity.
- DO NOT apply externally if rain is likely within 8 hours of application.
- DO NOT dilute PFL Surface Conditioner.
- DO NOT drive on re-coated surface for 48 hours to allow full cure of re-coated sealer.

## Application:

- Equipment:** Broom/brush/roller/sprayer (for application), safety equipment (see 'Safety and Handling').
- *PFL Brooms* (complete or heads only), ideal for application of PFL Surface Conditioner, are available from Peter Fell Ltd.
- Preparation:** It is imperative the concrete is clean and free of contaminants.

### **PFL Surface Conditioner will not work on contaminated surfaces.**

Any areas that show signs of delamination (flaking of the sealer or any 'white' patches) should be repaired prior to application of PFL Surface Conditioner.

### **PFL Surface Conditioner will not repair damaged sealer.**

Contact Peter Fell Ltd for appropriate repair methods for the damaged sealer prior to treatment with PFL Surface Conditioner.  
Surfaces can be cleaned with *PFL Neutralizer & Cleaner* (see Peter Fell Ltd for further information).  
Area must be *completely* dry prior to application of PFL Surface Conditioner.

## Application:

- PFL Surface Conditioner can be applied with a brush, broom, roller, or sprayer:
  - Broom is the recommended method of application:
    - Broom: use standard soft bristle broom (available from Peter Fell Ltd), ensuring all textural elements of concrete surface are coated.
    - Sprayer: use standard sprayer with an air assisted airless spray 10 Thou nozzle orifice (or equivalent), 20°-30° fan angle, spraying with 2,000 psi pressure.
- Apply PFL Surface Conditioner in thin coats, avoid pooling.
- Leave to act on surface of concrete until touch dry.
- When dry, apply PFL Glaze Sealer as per instructions.

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Application continued:

- Drying time:** PFL Surface Conditioner typically dries within 30-60 minutes.
- This period may be longer in cold climates, and varies depending on atmospheric conditions, the condition of the prepared surface, and application.
- DO NOT drive on re-coated surface for 48 hours after application.
- The re-coated sealer must be allowed to fully cure and bond to the prepared surface for optimal performance.
- Coverage:** Approximately 5-6 m<sup>2</sup>/L.
- Cleanup:** All equipment can be cleaned with **PFL Glaze Clean-up** or equivalent xylene-based cleaner.

## Safety and Handling:

- Hazard:** PFL Surface Conditioner is a Class 3A hazard. For full safety information refer to MSDS or contact Peter Fell Ltd.
- UN Number:** 1263 **DG Number:** 3b **Poison Schedule:** 5 **Hazchem code:** 3(Y)E
- Safety:** Wear suitable protective clothing, eye protection, protective gloves, and respirator.
- Pack Sizes:** 1, 2, 5, 10 and 20 L.
- Storage:** Store in cool, dry, well ventilated place in original container. Store out of reach of children. Store away from direct sunlight, oxidizing agents (e.g. nitrates), acids, anionic, detergents, and foodstuffs. Keep away from naked flames and other heat sources. Take precautions against static discharge. Ensure container is sealed when not in use, and checked regularly for leaks or spills. Do not allow vapours to collect in enclosed spaces. PFL Surface Conditioner can be stored for up to 12 months.

## First Aid:

- Swallowed:** DO NOT induce vomiting. Give water or milk to drink. Obtain medical attention immediately. For emergency information contact the *National Poisons Centre (0800 764 766)*.
- Eyes:** Immediately flood with copious quantities of water, holding eye open if necessary, for at least 15 minutes. Seek urgent medical attention.
- Skin:** Remove contaminated clothing and shoes and wash skin thoroughly with excess water. If irritation occurs or persists, seek medical attention. Launder clothing and clean shoes before re-use.
- Inhalation:** Remove patient from exposure, keep warm and at rest. If there is respiratory distress, give oxygen and seek immediate medical attention.

## Physical and Chemical Properties:

Appearance.....	colourless liquid
Appearance when dry.....	transparent
Odour.....	aromatic/solvent odour
Solubility.....	insoluble
Flash Point.....	24°C
Vapour Pressure.....	1000 mm Hg @ 20°C
Wet film thickness.....	typically 25 - 50 micron
Dry film thickness.....	typically 5 micron

## Product Warranty

The information contained in this document is true and accurate to the best knowledge of Peter Fell Ltd. We cannot however anticipate all conditions under which this information and our products may be used. Peter Fell Ltd therefore accepts no responsibility and offers no warranty with respect to results obtained by the application of our products, their suitability, or for their safe use. Peter Fell Ltd offers our products for sale subject to, and 'The Customer' and all users are deemed to have accepted, our Terms and Condition of Trade. Peter Fell Ltd warrants our products to be free of manufacturing defects. If the product when purchased was defective and was within recommended storage life when used, Peter Fell Ltd will replace the defective product with new product without charge to the purchaser. Peter Fell Ltd makes NO OTHER WARRANTY, either expressed or implied, concerning our products.