

# PFL Acrylic Sealer

**PeterFell**  
SPECIALISTS IN COLOURED CONCRETE

**PFL Acrylic Sealer is a durable sealer designed for application on internal and external concrete floors.**

## Description:

PFL Acrylic Sealer is a transparent serviceable sealer for use on concrete floors. It can be applied to both internal and external concrete floors, excluding vehicular traffic areas. PFL Acrylic Sealer gives a semi-gloss finish, but can be used to generate a high gloss finish on internal floors when used in combination with PFL CoverSeal Plus. PFL Acrylic Sealer displays excellent adhesion to correctly prepared surfaces, is non-hazardous, solvent free, and is very easy to apply.

## Precautions:

- DO NOT seal any concrete under 28 days old.
- DO NOT apply to any surface that has been previously treated with any curing compound or any other surface treatment.
- DO NOT seal if concrete (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 Acrylic Sealer.
- DO NOT add PFL Anti-Slip to PFL Acrylic Sealer.
- DO NOT apply PFL Acrylic Sealer on vehicular traffic areas i.e. driveways.
- DO NOT use PFL Acrylic Sealer as a filler - pitting or pinholes in the concrete sealed with PFL Glaze Sealer may result to spotting or 'measling' of the concrete when wet.

## Application:

**Equipment:** Roller/broom/brush/sprayer, safety equipment (see 'Safety and Handling').  
- **PFL Brooms** (complete or head only), ideal for application of PFL Acrylic Sealer, are available from Peter Fell Ltd.

**Preparation:** It is imperative the concrete is prepared correctly before application of PFL Acrylic Sealer.

**New Concrete:** All new concrete should be prepared as described in the 'PeterFell Finishing Guide', or contact Peter Fell Ltd for full instruction.

**Old Concrete:** Care must be taken to prepare surface correctly:  
(i) Remove ALL existing coatings: PFL Acrylic Sealer must be applied directly to the concrete surface. Any existing coatings or treatments that prevent this must be completely removed.  
(ii) Remove ALL contaminants: remove all contaminants using appropriate cleaning agents. If area is heavily contaminated, or contaminants are unable to be completely removed, it is recommended that PFL Acrylic Sealer is NOT used as the chance of delamination will be high.

For full preparation instructions refer to the 'PeterFell Finishing Guide' or contact Peter Fell Ltd.

## Application:

- PFL Acrylic Sealer can be applied with a brush, broom, roller, or sprayer.
  - Internal:** Roller is the recommended method of application - 5 mm nap hair roller or similar gives best results.
  - External:** Broom or sprayer are the recommended methods 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.

Application continued over page...

### Application (continued):

- Apply PFL Acrylic Sealer in thin coats, avoid pooling.
- Apply **minimum 2 coats** PFL Acrylic Sealer
  - Porous and ground concrete floors *will* require additional coats to be properly sealed.
  - Do not apply further coats until previous coat is completely dry.

**Drying time:** PFL Acrylic Sealer typically dries within 4-6 hours of application.

- This period may be longer in cold climates, and varies depending on atmospheric conditions, the condition of the prepared surface, and application.

**Coverage:** Approximately 10 m<sup>2</sup>/L

- Coverage will vary greatly depending on the porosity and texture of the concrete.

**Cleanup:** All equipment can be cleaned in water.

### Maintenance:

- PFL Acrylic Sealer can be maintained by cleaning with **PFL Neutralizer & Cleaner** or water blasting.
  - Refer to the 'PeterFell Finishing Guide' or contact Peter Fell Ltd for product information.
- If sealed concrete is affected by algae, lichen or moss, treat with **PFL Algacide**.
  - Refer to the 'PeterFell Finishing Guide' or contact Peter Fell Ltd for product information.

**Removal:** PFL Acrylic Sealer can be removed using PFL Sealer Stripper.

- Contact Peter Fell Ltd for product information and application instructions.

### Safety and Handling:

**Hazard:** PFL Acrylic Sealer is considered non-hazardous. For full safety information refer to MSDS or contact Peter Fell Ltd.

**Safety:** Wear suitable protective clothing.

**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, peroxides, hypochlorites), acids, anionic detergents (e.g. soap), heat sources, and foodstuffs. Ensure container is sealed when not in use, and checked regularly for leaks or spills. PFL Acrylic Sealer can be stored for up to 24 months.

### First Aid:

**Swallowed:** DO NOT induce vomiting. Give water or milk to drink. Obtain medical attention immediately.

**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.....	off-white emulsion
Appearance when dry.....	transparent ('semi-gloss' finish)
Odour.....	pleasant faint odour
pH.....	8.5 - 9.2
Solubility (in water).....	dispersible
Specific Gravity.....	approximately 1.0 kg/L
Vapour Pressure.....	24.0 mm Hg @ 20°C
Wet film thickness.....	typically 50 - 100 micron
Dry film thickness.....	typically 25 - 50 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.