

PFL Primer Seal is used to prime concrete surfaces prior to application of PFL Glaze Sealer.

Description:

PFL Primer Seal is an acrylic primer for application on concrete floors to be sealed with PFL Glaze Sealer. PFL Primer Seal alters the appearance of PFL Glaze sealers, enabling a finish similar to PFL Acrylic Sealer to be achieved, while retaining the ability to use PFL Anti-Slip to increase slip resistance. While PFL Primer Seal cannot be used on vehicular traffic areas (i.e. driveways), it is perfect for use on virtually all external surfaces, including patios, decks, and pool surrounds. PFL Primer Seal displays excellent penetration and adhesion to correctly prepared surfaces, is non-hazardous, solvent free, and is very easy to apply.

Precautions:

- DO NOT apply PFL Primer Seal ONLY - must apply subsequent coats of PFL Glaze Sealer.
- DO NOT dilute PFL Primer Seal
- DO NOT apply PFL Primer Seal on vehicular traffic areas i.e. driveways
- 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 direct sunlight (i.e. midday) or high humidity.
- DO NOT apply externally if rain is likely within 8 hours of application

Application:

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

Preparation: It is imperative the concrete is prepared correctly before application of PFL Primer Seal.

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 Primer Seal 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 Glaze Primer 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 Primer Seal 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 Primer Seal in thin coats, avoid pooling.
- Apply **2 coats** PFL Primer Seal.
 - Do not apply second coat until previous coat is completely dry (approximately 2-4 hours).
- Following application of PFL Primer Seal floor should then be sealed with PFL Glaze Sealer.
 - Refer to 'PeterFell Finishing Guide' or contact Peter Fell Ltd for application instructions for PFL Glaze Sealer.

Drying time: PFL Primer Seal 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 m²/L

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

Cleanup: All equipment can be cleaned in water.

Safety and Handling:

Hazard: PFL Primer Seal 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 Primer Seal 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.....	semi-gloss
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

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.