

PFL Natural Sealer is a penetrating sealer that protects external concrete surfaces while retaining the natural look and feel of concrete.

Description:

PFL Natural Sealer is a penetrating sealer for use on external concrete surfaces where a natural finish is desired. This sealer forms a cross linked matrix below the concrete surface, minimising the ingress of dirt and surface water into the concrete. As the sealer does not coat the surface, staining and marking of the concrete surface is possible. However, most common contaminants can be removed by treating with PFL Neutralizer & Cleaner.

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 direct sunlight (i.e. midday) or high humidity.
- DO NOT apply externally if rain is likely within 8 hours of application.
- DO NOT dilute PFL Natural 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 Natural Sealer, are available from Peter Fell Ltd

Preparation: It is imperative the concrete is prepared correctly before application of PFL Natural 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 Natural Sealer must be applied directly to the concrete surface. Any existing coatings or treatments that may 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 Natural Sealer is NOT used as the ability of the sealer to penetrate into the concrete will be severely compromised.

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

Application:

- PFL Natural Sealer can be applied with a brush, broom, roller, or sprayer:
 - Broom: Use standard soft bristle broom (available from Peter Fell Ltd), ensuring all textural elements of concrete surface are coated.
 - Sprayer: use standard sprayer (air assisted or airless) with 10 thou nozzle orifice (or equivalent), 20°-30° fan angle, spraying with 2,000 psi pressure.
- Apply **minimum 2 coats** PFL Natural Sealer.
 - Porous and ground concrete *will* require additional coats to be properly sealed.
- Apply second coat **before** first coat has dried completely .
 - Surface should still appear 'wet' while second (and subsequent) coats are applied.

Application continued over page....

Application (continued):

- Drying time:** PFL Natural Sealer typically dries within 2-4 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 4-10 m²/L
- Coverage will vary greatly depending on the porosity and texture of the concrete.
- Cleanup:** All equipment can be cleaned with **PFL Glaze Clean-up** or equivalent xylene-based cleaner.

Maintenance:

- PFL Natural 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 Natural Sealer can be sealed over-coated with other sealers in the PeterFell range.
- Contact Peter Fell Ltd for further information on sealer compatibility.

Safety and Handling:

- Hazard:** PFL Natural Sealer is a Class 3A hazard. For full safety information refer to MSDS or contact Peter Fell Ltd.
- UN Number:** 1263 **DG Number:** 3 **Hazchem code:** 3Y
- 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 Natural Sealer 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.....	clear to light amber
Appearance when dry.....	does not change appearance of concrete
Odour.....	aromatic/solvent odour
Solubility.....	insoluble
Flash Point.....	41°C
Flammability.....	R100
Wet film thickness.....	approximately 0-5 micron
Dry film thickness.....	0 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.