

The PeterFell System

Sealing Information

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Introduction

The PeterFell System is not just about colour, it is about creating long lasting, durable and comfortable environments. To this end, this booklet details the last steps in the PeterFell System culminating in application of a protective sealer. Prior to application of a sealer, the concrete is cleaned, cuts are grouted, and the surface prepared for application of one of the PeterFell sealers.. These processes can be conducted by any competent handy person - Peter Fell Ltd provides all required products, full easy to follow application instruction, and on-call help and support.

It is essential that all concrete floors are sealed. Sealing protects the concrete colour and the floor surface. The sealer acts to protect the concrete in several ways:

- By preventing staining and marking of the concrete surface.
- Minimising the build-up of dirt and contaminants on the concrete surface.
- Stopping water intrusion which can result in concrete dusting (efflorescence).

An alternative to sealing interior concrete floors is to polish them. Polishing concrete, as the name suggests, is the refinement or smoothing of the surface. If you are polishing your interior floor you will not use a sealer but rather use PeterFell C2 Polished Concrete products. These products include a lithium silicate densifier that penetrates into the concrete to harden the surface. A special microfilm is then applied to create a protective coating that is melted into the concrete for added durability and stain resistance. These products are applied when the floor is being honed and polished - for more information on the PeterFell C2 Polished Concrete system please contact Peter Fell Ltd.

This guide serves to support the information provided in the PeterFell General Information booklet by describing the sealing process in more detail. All PeterFell products described are manufactured to the highest standards, have a proven application history, and are all quality assured. The correct products must be selected and applied in accordance with the guidelines provided by Peter Fell Ltd.

The preparation and sealing of concrete can be broken into the following steps:

Step one. Clean up

- Protective covers are removed and any stains or contaminants removed.

Step two. Grouting

- Decorative cuts are filled with PFL Non-Shrink Grout.

Step three. Surface Preparation

- Surface laitance (efflorescence) is removed to prepare the concrete for sealing

Step four. Sealing

- Sealer is applied to enhance the colour and protect the concrete from staining and marking.

All products required for sealing concrete in the PeterFell System, along with full application instruction and health and safety information, are available from Peter Fell Ltd. The team at Peter Fell Ltd can advise on material and quantities required for your job, as well as providing help and support at any time. If any of the processes are unclear, or you require professional assistance, please contact Peter Fell Ltd before proceeding with any work.

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Step one. Clean up

When the concrete is fully cured, and all major construction or landscaping has been completed, it can then be sealed. First, the floor must be thoroughly cleaned, and any contaminants or marks removed.

Products Required: PFL Concrete Cleaner

Optional: PFL Stain Remover, PFL Bioactive Oil Stain Remover, PFL Moss Kill

When can I seal my concrete?

Concrete can only be sealed when it has completely cured:

Do not seal any concrete under 28 days old.

If concrete is sealed before it is completely cured both the concrete surface and the sealer will be compromised, necessitating removal and re-application of the sealer.

Can I seal the floor myself?

Yes - sealing of concrete in the PeterFell System can be conducted by any competent handy person. This guide outlines the sealing process. Peter Fell Ltd can provide all required products and full application instruction. However, if you are unsure about any aspect of application it is recommended that a professional trades person is employed. For more information contact Peter Fell Ltd.

When do I start preparing my floor for sealing?

You must wait at least 28 days after the concrete is placed before it can be sealed. After this period the first step is to remove protective covering placed over the concrete during the curing process.

Protective covers must be removed at least 10 days prior to sealing.

This period may be longer in winter, and is required to ensure all moisture trapped in the surface of the concrete under the covers is allowed to dissipate. To facilitate the drying process, protective covers may be lifted from internal surfaces once curing is complete and the site is weather tight. Under floor heating (run at low temperature), and dehumidifiers will also aid the drying process. Do not use heaters to dry the floor as this will increase humidity which will slow the drying process. Externally, once the slab is cured the polythene may be discarded or replaced with more protection that allows the concrete to dry more efficiently i.e. cardboard. However, once the polythene is removed, caution should be exercised to minimise the risk of staining and marking of the concrete surface.

My floor looks like a mess - what happened?

Don't panic! When the covers are first removed the floor will look patchy, dusting, and blotchy - this is completely normal. These elements will not be present in the finished floor, and simply represent surface laitance present on all new concrete. As there is colour in the floor this laitance is more 'dramatic' in appearance, but is removed as part of the finishing process. Only when this laitance is removed (using PFL Surface Preparation) will the true colour of the floor be revealed..

What do I clean my floor with before sealing?

It is critical ALL contaminants are removed from the floor prior to commencement of sealing - any marks or stains will be amplified by the sealer. When cleaning or removing contaminants, take care not to excessively abrade the surface - changes in surface texture and appearance will be highlighted by the sealer. Also it is essential that an appropriate method is employed to remove a contaminant, and that the cleaning agent or procedure will not have a detrimental effect to the concrete surface, or prevent subsequent application of a sealer.

The main product used to clean the concrete for sealing is **PFL Concrete Cleaner**. PFL Concrete Cleaner is a specifically formulated cleaner that can be safely used on any concrete surface. It is a highly built liquid detergent that will effectively emulsify fats and oils, and remove inorganic soils and other contaminants from concrete. PFL Concrete Cleaner is biodegradable and NZFSA Approved (C31).

Peter Fell Ltd offers a range of other cleaning products specifically designed for concrete surfaces. The range of cleaning products is outlined below. For product information and pricing please contact Peter Fell Ltd.

PeterFell Concrete Cleaning Products	
PFL Concrete Cleaner	A biodegradable cleaner that can be safely used on any concrete surface.
PFL Stain Remover	Removes concrete stains caused by iron or tannin contamination and decayed vegetation.
Bioactive Oil Stain Remover	A biological solution for the removal of oil stains from concrete.
PFL Moss Kill	Removes algae, moss, and lichen from concrete surfaces, remaining active on the surface for up to 6 months.
C2 Stain Clean	A poultice cleaner that draws oil and grease stains from concrete.

What do I use to clean my floor once its sealed?

PFL Concrete Cleaner can be used to clean any concrete surface, both inside and out, without compromising the sealer. For more information on maintaining and cleaning your concrete floor refer to the 'Cleaning & Maintenance' section on page 15 or contact Peter Fell Ltd.

Step two. Grouting

All decorative cuts are filled with PFL Non-Shrink Grout, which can be coloured and finished to your specifications.

Products Required: PFL Non-Shrink Grout Optional: PFL Special Colour, PFL Grout Gun, PFL Grout Tape
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What do I fill the cuts with?

All decorative cuts should be filled with **PFL Non-Shrink Grout**. PFL Non-Shrink Grout is a specially designed shrinkage-compensated grout with excellent substrate adhesion, is non-corrosive, non-toxic, and impact resistant. It is recommended that grouting is conducted using a **PFL Grout Gun**, although it can be applied by trowel providing cut lines are prepared with **PFL Grout Tape**.

What colours does PFL Non-Shrink Grout come in?

PFL Non-Shrink Grout can be coloured using any of oxide in the PFL Colour range. Most commonly, the concrete colour is also used as the grout colour. As PFL Non-Shrink Grout is a slightly darker base colour than concrete when oxide is used in the grout it will also appear darker, offering a subtle contrast whilst retaining the same colour tone as the concrete. However a lighter or darker colour can be used for a contrast, or the grout can be left in its natural colour. As the colour is added to the grout on site, colour tone can be adjusted to suite individual requirements.

Is it like grouting ceramic tiles?

No - PFL Non-Shrink Grout must be delivered as directly to the cut lines as possible. If grout is spread over the concrete surface it will contaminate the concrete. Similarly, when applying the grout any wet grout must not be cleaned up (either with water or a wet cloth), as this will simply spread the grout leading to increased contamination. For this reason it is recommended that a PFL Grout Gun is used to apply PFL Non-Shrink Grout. While very easy to use, the PFL Grout Gun simplifies application, significantly reducing the chance of contamination. For full application instructions see following page.

Should I seal the floor before I grout?

No - while sealing protects the floor from staining and marking, it is recommended that sealing is the last step. If the floor is sealed prior to grouting it will be damaged and stained by the grout and will need to be removed, the surface prepared again, and re-sealed. The grout will also need to be sealed.

Can I grout the construction cuts?

Construction (or expansion) joints are typically only 3 mm wide with a much greater depth than decorative cuts making them very difficult to grout. It is recommended that a decorative cut is placed over top of the construction cut (even if no other decorative cuts are being done), to simplify grout application.

Will the grout pull away from the sides or crack?

PFL Non-Shrink Grout is engineered with a unique 2-stage shrinkage compensation mechanism. Along with excellent substrate adhesion means the grout is specifically designed not to pull away from the sides of cuts. However, in cases of excessive slab movement, due to design or environment, any stresses or cracking will occur down construction cuts (what they are designed for). This movement can result in cracking (typically fine hairline cracks) or 'popping' of cementitious grout - even PFL Non-shrink grout with impact resistant compounds. In these extreme cases a more flexible material should be used - contact Peter Fell Ltd for further information

Step 3. Surface Preparation

The application of an 'etching' solution is essential to remove surface laitance present on the surface of all new concrete. The use of a PFL Surface Preparation solution, in conjunction with PFL Neutraliser & Cleaner, removes this laitance and prepares the floor for sealing.

Products Required: PFL Surface Preparation, PFL Neutraliser & Cleaner
Optional: PFL Surface Prep Lite, PFL Acid Gel

Do I have to 'acid wash' my floor before sealing?

Yes - it is critical that the floor is treated with **PFL Surface Preparation** or **PFL Surface Prep Lite** prior to application of any sealer. PFL Surface Preparation removes surface laitance (efflorescence) present on the surface of all new concrete. This contamination can only be removed using PFL Surface Preparation solutions, PFL Neutraliser & Cleaner (or any other detergent based cleaner) will not effectively remove surface laitance. If this laitance is not correctly removed the sealer will not be able to adhere correctly to the concrete surface, resulting in the delamination of the sealer

Will PFL Surface Preparation change the appearance of my concrete?

PFL Surface Preparation removes surface contamination (laitance) and subsequently acts to reveal the 'true' colour and finish of the floor. When used at the correct dilution for the type of concrete, the PFL Surface Preparation will not alter the inherent floor characteristic.

However, PFL Surface Preparation can be used to alter both the texture and finish of the floor by adjusting solution strength and treatment time. It is essential that PFL Surface Preparation is correctly diluted and that a test area is completed to ensure dilution is appropriate for you application. The table below gives an indication of the effects of different dilution effects of PFL Surface Preparation or PFL Surface Prep Lite:

Use of different PFL Surface Preparation strengths	
Mild etch	Recommended for preparation of internal floors, or areas with minimal surface laitance. Will not significantly alter the texture and colour of the floor.
Medium etch	Recommended for preparation of external surfaces, or areas with significant surface laitance. Prolonged treatment exposes sand (and eventually aggregate), increasing surface texture and change the concrete appearance.
Heavy etch	Recommended only when heavy exposure or 'Sandstone Finish' of the concrete surface is required. Will significantly alter the appearance and texture of the concrete - proceed with caution!

Will PFL Surface Preparation remove all contaminants?

No - While the PFL Surface Preparation solutions will remove surface laitance and other 'concrete specific' contaminants, they will not remove other common contaminants i.e. dirt, paint stains etc. It is critical that these contaminants are removed prior to treatment with PFL Surface Preparations - see 'Step one. Clean up' for full instruction.

Won't PFL Surface Preparation damage my walls, joinery, garden...?

While PFL Surface Preparations are dilute solutions they are extremely corrosive and will corrode most surfaces they come in contact with.

All susceptible surfaces must be protected prior to application of
PFL Surface Preparation solutions

All vertical surfaces (walls, joinery etc) should be covered to an appropriate height to protect from spurious surface preparation solution (splashing). Ensure run-off from application does is properly neutralized (using PFL Neutraliser & Cleaner) before it contacts non-target surfaces i.e. paths, asphalt, gardens etc. All surrounding surfaces can be treated with PFL Neutraliser & Cleaner (diluted 20:1) prior to application of surface preparation solutions. Corrosive activity of PFL Surface Preparation solutions can be neutralized at any time by PFL Neutraliser & Cleaner.

Do I need to use PFL Surface Preparation on ground concrete or exposed aggregate concrete?

It is not essential to prepare ground concrete using PFL Surface preparation solutions as the grinding process removes the surface laitance. Similarly, the exposing of concrete also removes surface laitance. However, if laitance returns prior to sealing, treatment with 'mild' solution of PFL Surface Preparation (or PFL Surface Prep Lite) may be required.

What is PFL Surface Prep Lite?

PFL Surface Prep Lite is an alternative to PFL Surface Preparation for the preparation of concrete floors for sealing. Utilizing the latest 'acid avoidance' technology, PFL Surface Prep Lite is non-fuming. The elimination of corrosive fumes of traditional inorganic acids significantly improves safety, especially in interior or poorly ventilated sites. The action on the surface also reduces the chance of over etching or darkening of the concrete of traditional products. PFL Surface Prep Lite is recommended for the preparation of lighter concrete colours from the PeterFell Range. The milder action had a reduced corrosive effect on paintwork and metal surfaces.

Do I need to 'acid wash' my wall before I seal?

Yes - as with any concrete, concrete cast wall will also effloresce as it cures. This efflorescence, as with any release agents used on the moulds or framing, will need to be removed prior to the application of any sealer. Traditionally, etching of any vertical surfaces is difficult as the fluid action of the etching solution is hard to control, and can cause a lot of collateral damaging if etching is conducted on site. An alternative to traditional etching products is **PFL Acid Gel** - a gel the when applied follows the contour of the concrete, even on vertical surfaces, allowing for excellent control of the etching process. This enables sloping surfaces to be etched evenly, with no runoff or damage to surrounding areas. PFL Acid Gel can be applied to vertical surfaces such as walls, pre-cast panels and the rise of steps. The gel reduces splashing, making it safer to use and reducing damage to surrounding surfaces.

Step 4. Sealing

Sealing is the final step in the PeterFell System. The sealer protects the concrete, and will ultimately determine the final look and finish of the floor. A range of sealers are available from Peter Fell Ltd, and it is essential that the correct sealer type is chosen for the appropriate application.

Products Required: PFL Sealer (PFL Epoxy Sealer or PFL Acrylic Sealer or PFL Glaze Sealer or PFL Satin or PFL Natural Sealer).

Optional: PFL Cover Seal, PFL Anti-Slip, PFL Broom, PFL Roller.

Do I need to seal my concrete?

Yes - Sealing is essential to enhance and protect any coloured concrete floor. Sealing will determine the final appearance, both colour and texture, of the concrete. Sealing stops 'dusting' (efflorescence) forming on the concrete surface which masks the concrete colour (often mistaken for colour fading), maintaining the true floor colour. More importantly, sealing protects the concrete from staining and marking, an essential aspect of any flooring system.

When do I seal my concrete?

The concrete must be completely cured and dry before it can be sealed.

Do not seal any concrete under 28 days old

If concrete is sealed before it is completely cured both the concrete surface and the sealer will be compromised, necessitating removal and re-application of the sealer.

As well as being fully cured, the concrete MUST be completely dry before any sealer can be applied. As the surface is protected during curing it is essential that all covers are removed to allow sufficient time for the concrete to completely dry.

Protective covers must be removed at least 10 days prior to sealing.

This period may be longer in winter, and is required to ensure all moisture trapped in the surface of the concrete under the covers is allowed to dissipate. To facilitate the drying process, protective covers may be lifted from internal surfaces once curing is complete and the site is weather tight. Under floor heating (run at low temperature), and dehumidifiers will also aid the drying process. Do not use heaters to dry the floor as this will increase humidity which will slow the drying process. Externally, once the slab is cured the polythene may be discarded or replaced with more protection that allows the concrete to dry more efficiently i.e. cardboard. However, once the polythene is removed, caution should be exercised to minimise the risk of staining and marking of the concrete surface.

What do I seal my concrete with?

Peter Fell Ltd offers a range of sealing and finishing products (outlined over page) designed specifically for use on concrete floors. For further information on any of these products, including application instruction and pricing, please contact Peter Fell Ltd.

PeterFell Sealer Range

PFL Epoxy Sealer	<p>PFL Epoxy Sealer is a durable, easy to use epoxy sealer that provides a hard protective finish to interior concrete floors.</p> <ul style="list-style-type: none"> - For internal floors only (with PFL CoverSeal). - Provides high impact resistance and excellent floor protection. - Water based sealer - no fumes, VOC free. - Easy to mix, easy to apply, and quick drying. - Designed in New Zealand for New Zealand conditions.
PFL Acrylic Sealer	<p>PFL Acrylic Sealer is designed for application on internal and external concrete floors.</p> <ul style="list-style-type: none"> - For both internal and external floors. - Retains colour and finish of coloured concrete. - Not for high use areas or those subject to vehicular traffic i.e. driveways
PFL Glaze Sealer	<p>PFL Glaze Sealer is a highly durable, multi-purpose sealer, ideal for driveways and high-use areas.</p> <ul style="list-style-type: none"> - Accentuates the colour in concrete giving a 'wet look' finish. - Can be used with PFL Anti-Slip to improve grip on smooth concrete surfaces.
PFL Satin Sealer	<p>PFL Satin Sealer is a highly durable, low gloss, multi-purpose sealer, ideal for driveways and high-use areas.</p> <ul style="list-style-type: none"> - Accentuates the colour in concrete giving a 'wet look' finish. - Contains a matting agent to reduce glare.
PFL Natural Sealer	<p>PFL Natural Sealer is a penetrating sealer that protects external concrete surfaces while retaining the natural look and feel of concrete.</p> <ul style="list-style-type: none"> - Does NOT form a coating on the surface. - Sealer forms cross linked matrix below concrete surface, minimising ingress of dirt and surface water. - Simply maintain the surface by cleaning with PFL Neutraliser & Cleaner.
In addition to these sealers, Peter Fell Ltd has the following sealer related products:	
PFL CoverSeal	<p>PFL CoverSeal is a water based, anti-scuff, stain repellent floor treatment applied to all interior sealed PeterFell coloured concrete floors.</p> <ul style="list-style-type: none"> - Simply applied with a kitchen mop. - Apply routinely to rejuvenate any PFL floor.
PFL Anti-Slip	<p>PFL Anti-Slip can be added to PFL Glaze and PFL Satin Sealers to provide improved texture and grip to smoothly finished concrete surfaces.</p> <ul style="list-style-type: none"> - Simply add to sealer, stir to suspend, and apply.

For more information on the PeterFell range of sealers, including application instruction and pricing, please contact Peter Fell Ltd.

Which sealer do I use?

While all PeterFell sealers are of the highest quality, they were each designed for specific applications.

It is essential that the sealer selected is suitable for the intended application

The chart below outlines sealer options for common residential applications. PeterFell sealers can also be used in commercial, retail, and industrial applications. For assistance and advice on choosing the correct sealer for your project please visit our website or contact Peter Fell Ltd.

Choosing a sealer					
	PFL Epoxy Sealer	PFL Acrylic Sealer	PFL Glaze Sealer	PFL Satin Sealer	PFL Natural Sealer
House floor	☑	✓	✓	✗	✗
Patio & Courtyard	✗	✓	☑	☑	✓
Pool Surrounds	✗	✓	☑	☑	✓
Driveway	✗	✗	☑	✓	✓
Paths	✗	✓	☑	☑	✓
Walls	✗	✓	✓	✓	☑
Key:	☑ = Recommended	✓ = can be used	✗ = recommended		

Will the sealer make my floor slippery?

A common misconception is that if you seal the floor it will become slippery. The grip and texture of the finished surface is generated simply by the concrete itself. While the sealer coats the surface, the texture of the concrete is retained through PeterFell Sealers. All external concrete surfaces i.e. decks, driveways, pool surrounds, should be finished with a texture appropriate for the situation i.e. non-slip. However, if the concrete is not of a suitable texture, the concrete should be sealed with PFL Glaze Sealer containing PFL Anti-Slip. PFL Anti-Slip is simply added to the sealer, and improves slip-resistance on all flat concrete surfaces.

What gloss levels do the sealers come in?

As with slip resistance, the final gloss level of the sealer is also dependent on the finish and texture of the concrete. The flatter the concrete the higher the gloss. Subsequently, if a high gloss is required i.e. for internal living areas, the concrete should be finished with as little texture as possible. Conversely, external surfaces are finished with more texture in order to introduce grip and slip resistance, and subsequently will be more matt finish. On internal floors, the gloss level is maintained using PFL CoverSeal - a water based, high gloss, stain repellent floor polish that is applied over PeterFell sealers. It is simple to apply, and can be built to a high gloss.

Can I seal the concrete myself?

Yes - sealing concrete can be conducted by any competent handyperson. Peter Fell Ltd can provide all required products with full application instruction as well as additional help and support. However, if you are unsure about any aspect of application it is recommended that a professional trades person is employed. If you are sealing the concrete yourself, there are a few critical points to observe:

Do not seal any concrete under 28 days old.

- It is essential that concrete is fully cured before PFL sealers are applied.

Do not apply to any surface to which a curing compound or any other surface treatment has been previously applied.

- PFL Sealers must be applied directly to the concrete surface, any coatings or compounds that prevent this must be completely removed prior to application.

Do not seal if the concrete (not atmospheric) temperature is below 12°C or above 30°C.

- The sealer will not cure properly if the concrete is too hot or too cold.

Do not apply in direct sunlight (i.e. midday) or high humidity.

- This will cause sealer to dry incorrectly affecting sealer cure.

Do not apply externally if rain is likely within 8 hours of application.

- If rain occurs before sealer is cured, sealer must be removed and re-applied.

Do not add PFL Anti-Slip to PFL Acrylic Sealer/PFL Epoxy Sealer/PFL CoverSeal

- PFL Anti-Slip can only be added to PFL Glaze Sealer or PFL Satin.

Do not apply PFL Acrylic Sealer or PFL CoverSeal on high-use areas or areas subjected to vehicular traffic.

- PFL Glaze Sealer or PFL Satin Sealer are the only sealers to be used on vehicular traffic areas.

What is the difference between sealing and polishing?

Polishing concrete, as the name suggests, is the refinement or smoothing of the concrete surface. Polishing is a two-step process. Grinding (also called honing) is the first step, where the surface is mechanically removed. The concrete is then densified to make the surface harder, and the concrete is then polished using increasingly finer tools to make the surface glossy. A microfilm is then applied and burnished into the surface to protect from staining and marking.

If you are polishing your interior floor you will not use a sealer but rather use PeterFell C2 Polishing Concrete products. These products include a lithium silicate densifier that penetrates into the concrete to harden the surface. A special microfilm is then applied to create a protective coating that is melted into the concrete for added durability and stain resistance. These products are applied when the floor is being ground and polished - for more information on the PeterFell C2 Polished Concrete please contact Peter Fell Ltd.

How long does the sealer last?

No concrete sealer will last forever. The life of your sealer is determined by sealer application, use, and environment. For typical application PeterFell sealers have a floor life of approximately 3 - 5 years but this is not guaranteed as the floor life of the sealer is very much dependent on preparation and application of the sealer which is beyond the control of Peter Fell Ltd. The sealer can easily be re-applied, to provide ongoing protection of the concrete surface.

Can I re-seal my concrete?

Yes - to keep the concrete easy to clean and maintain it is important that the sealer is re-applied routinely. Simply clean the concrete surface, ensure all contaminants are removed, and re-apply the same sealer. To re-seal older concrete sealed with PFL Glaze or PFL Satin Sealers, **PFL Surface Conditioner** may need to be applied first. PFL Surface conditioner acts as a primer to help prepare the old sealer for re-coating. For product information and pricing to re-seal concrete please contact Peter Fell Ltd

Can I seal my old concrete?

PFL Sealers can be applied to any concrete providing the surface is properly prepared. When sealing old concrete:

All existing coatings must be completely removed.

PFL Sealers must be applied directly to the concrete surface. Any previous sealers or coatings which prevent this must be completely removed. In many cases this will have to be done mechanically i.e. grinding the concrete.

All surface contaminants must be completely removed.

Use appropriate cleaning agents to remove ALL surface contaminants. If floor is heavily contaminated or existing coatings cannot be completely removed it is recommended that PFL Sealers are not used as the chance of sealer delamination will be high.

What are PFL Tinted Glaze and PFL Tinted Satin Sealers?

PFL Tinted Glaze or Satin Sealers are hard-wearing coloured concrete sealers. Able to be applied to most concrete surfaces, they can withstand vehicular traffic making them ideal driveway sealers. These sealers are available in a range of colours. They are great for rejuvenating old concrete, enabling an even controlled colour to be applied to the surface. These sealers not only improve the appearance of the concrete surface, they also reduce staining and marking making it easier to clean and maintain. PFL Anti-Slip can also be added to these sealers to provide increased slip resistance in wet or slippery areas.

Maintenance & Cleaning

The PeterFell System requires minimal on going maintenance. However, there are several processes that should be followed to maintain your concrete floor in optimal condition.

Products Required: PFL Concrete Cleaner, PFL CoverSeal (internal only)
Optional: PFL Moss Kill, PFL Bioactive Oil Stain Remover, PFL Stain Remover.

How do I keep my internal concrete floor clean?

Once floor is sealed and treated with PFL CoverSeal very little maintenance is required. The floor can be cleaned with PFL Concrete Cleaner using a cloth or mop PFL Concrete Cleaner can be diluted with hot water to improve cleaning efficiency. For full application instruction and pricing please contact Peter Fell Ltd.

Do not use amonia or amine containing cleaners or detergents

These detergents are very harsh and will cause irreparable damage to the sealer, necessitating re-application to restore gloss and finish to the floor.

Clean up all spills immediately

PFL CoverSeal is designed to give a reasonable opportunity for clean up of spills. In some cases, PFL CoverSeal will act as sacrificial protection and will require re-application once the spill has been cleaned.

How do I keep my external concrete floor clean?

Once floor is sealed very little maintenance is required. The area can be cleaned by hosing or water blasting. Any spills or contaminants should be cleaned with **PFL Concrete Cleaner** using a mop or yard broom. PFL Concrete Cleaner can be diluted with hot water to improve cleaning efficiency.

How do I clean moss and algae off my concrete?

Moss, lichen and algae can be removed from concrete surfaces using **PFL Moss Kill**. PFL Moss Kill is designed to kill moss, lichen, and algae, making it a more effective method of removing these contaminants than water blasting or cleaning alone. In targeting these organisms directly, it will also prolong their return, reducing ongoing maintenance required. For application instructions and pricing please contact Peter Fell Ltd.

What if I have other stains and marks on my concrete?

Peter Fell Ltd offers a range of other cleaning products specifically designed for concrete surfaces. The range of cleaning products is outlined below. For product information and pricing please contact Peter Fell Ltd.

PeterFell Concrete Cleaning Products	
PFL Concrete Cleaner	A biodegradable cleaner that can be safely used on any concrete surface.
PFL Stain Remover	Removes concrete stains caused by iron or tannin contamination and decayed vegetation.
Bioactive Oil Stain Remover	A biological solution for the removal of oil stains from concrete.
PFL Moss Kill	Removes algae, moss, and lichen from concrete surfaces, remaining active on the surface for up to 6 months.
C2 Stain Clean	A poultice cleaner that draws oil and grease stains from concrete.

Notes

PeterFell
SPECIALISTS IN COLOURED CONCRETE

Phone: 0800 4 A COLOUR or (09) 8286460

e-mail: info@peterfell.co.nz

Showroom: 81-83 Patiki Road, Avondale, Auckland, New Zealand.

www.peterfell.co.nz