



**PERMACOLOUR**  
*concrete with style*

**COMPLETE  
CONCRETE  
SEALER  
RANGE**



# Sealer Selection Guide

	CONCRETE SEALER	CONCRETE SEALER EXTRA	ULTRA PRIME 2000 (PRIMER)	ENDURA-SEAL +	SAME DAY SEALER	SEAL LO24	POLYASPARTIC	URETHANE WATER BASE	EPOXY 400UHS	EPOXY 200SC	UREGLAZE SB	REPEL SS	KS500	STONE SHEEN	UREGLAZE WB
<b>BOOKLET PAGE #</b>	8	9	9	9	10	10	11	11	12	12	13	14	15	16	16
<b>TYPICAL EXTERNAL APPLICATION</b>															
<b>DRIVEWAYS, PATIOS &amp; FOOTPATHS</b>															
Exposed	●	○	○	○		●						○			
Coloured	●	○	●	●	○	○		○					○		
Tilt Panels	○	○	○								○	●	○		●
Brick Veneers	○	○	○		○	○						●	○		○
Coloured Plaster	●	●	○		○	●					○	●			●
Permacolour Overlay	○	●		●		○		○							
Permacolour Cemcote	●	●		○		○		○							
Dairy Shed Floors								○				●	●		
Cem Paint	○					●					○	●			○
<b>TYPICAL INTERNAL APPLICATION</b>															
Floors				○			○	●	○	○	●		●	●	○
Coloured				○			●	●	○	○	●		●	●	○
Ground/Polished				○			●	●	○	○	○		●	○	○
Bench Tops							○	●			●				○
Permacolour Micro Topping							●	●			○			○	○
Permacolour Overlay				○			●	●			●				●
Permacolour Micro Colour								○					○	●	●
Permacolour Cempaint	○					●		○			○			●	○
<b>APPEARANCE - LEVEL OF GLOSS</b>	③④	③	②	③	③	③	③	③④	③	③	①②③	①	②	②	②③
<b>FEATURES</b>															
Solvent Based	X	X	X	X	X	X			X	X	X	X			
Water Based								X					X	X	X
Silicone Based												X			
Film Forming	X	X	X	X	X	X	X	X	X	X	X			X	X
Penetrating			X									X	X		

## CODE

- Specially Recommended
- Suitable
- ④ Matte
- ③ Gloss finish
- ② Semi-Gloss finish
- ① Low Sheen finish
- ① Invisible
- X Yes

For your convenience, simply use our sealer comparison chart to find out what sealer is best suited to your concrete or cement based surface. For further information on a particular sealer refer the sealers page number as listed in the contents section.

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## Sealing Decorative Concrete

### INTRODUCTION

Sealing your concrete surfaces:

- Prolongs the life of the concrete and colour
- Protects the concrete from staining and marking
- Determines the final appearance and finish of the floor

### Sealer Selection

Selecting the appropriate sealer or coating for a particular project can be quite confusing. There are many different sealer types, with varying chemistries, supplied by many manufacturers, resellers and dealers who all state that their brand is the best. There is unfortunately no single brand or type that fits all situations. What does exist, are some basic guidelines that can help narrow down the decision making process.

There are two major sealer categories, namely:

#### 1. Film Forming Sealers:

- There are various chemistries and types which provide a wide range of properties. Sealers are usually one-part systems that produce very thin films, while coatings are usually two-part systems that form slightly thicker films with more durability. Both these sealers and coatings are most commonly used in the decorative concrete industry.
- They form a protective film across the concrete surface.
- Darken or enhance the colour of the substrate creating a "wet look".
- Impart a level of shine ranging from high gloss to matt. These include:
  - Concrete Sealer    - Concrete Sealer Extra    - Ureglaze
  - Endura-seal +    - Ultra Prime 2000    - Same Day Sealer
  - Seal LO24    - Stone Sheen

#### 2. Penetrating Sealers:

- There are various chemistries, but the general purpose is waterproofing, specific stain resistance or both.
- Penetrate into the substrate and do not leave any type of film on the surface of the concrete.
- Do not impart any level of shine.
- The concrete colour and finish does not change after sealing.
- Very commonly used on natural and artificial stone and brickwork, but are becoming increasingly popular as the trend toward natural-looking surfaces is on the rise.
- These include:
  - Permacolour Repel SS
  - Permacolour KS500

### When selecting the right sealer for the project, consider the following 7 criteria:

#### 1. Slip resistance:

- Concrete surfaces that are prone to wetness, have slope or are very smoothly finished, are likely to create "slip and fall" issues.
- The use of slip reducer additives which are incorporated into the sealer or glass grit which is hand broadcast over the wet sealer, will increase surface roughness and provide slip resistance. Both options are visually invisible once applied to the surface.

#### 2. Odour:

- Consider whether the job is internal or external, what the ventilation conditions are like and whether the building is occupied or not.
- Solvent based sealers or coatings should be ruled out if odour is a factor.

#### 3. Flammability during application:

- Consider the presence of open ignition sources such as pilot lights, open flames, other trades using torches or welding equipment, or a smoking area in close proximity.
- Insure controls are put in place to eliminate all ignition possibilities. If not possible, use non solvent based sealers alternatively water/ acrylic sealers given they can be applied to the area.

#### 4. Regulations for use of hazardous material on the project:

- Many projects, especially commercial ones, are limiting the use of flammable solvents or products that emit high levels of volatile organic compounds (VOC's)
- Water based or low odour sealers would be the alternative in these instances.

#### 5. Appearance:

- The appearance of the sealed surface is affected by the level of gloss of the sealer. The most popular level remains high gloss, however in recent years, satin and matte finishes have gained in popularity as they provide a more natural look and tend not to show scuffs, scratches and normal wear as much as their glossy counterparts.
- Almost all the different levels of gloss can be achieved with both water based and solvent based sealers and coatings.
- When using Penetrating Sealers, there is no gloss, and the natural look of the concrete remains.

#### 6. Performance:

- This relates to what the sealer or coating will be required to do in regard to durability, life-span and maintenance requirements.
- There is a big difference in performance between a 25% -solids acrylic sealer and an 80%- solids two-part urethane coating. The selection of sealer or coating for the project will come down to:
  - It's expected level of use, namely residential or commercial and foot or vehicle traffic.
  - Environmental exposure.
  - Types and levels of contamination.
  - How it will be maintained.
- In essence, the performance properties of the sealer or coating should correspond to the demands of the project. All sealers have a life expectancy which is directly affected by daily use, environmental conditions and maintenance.

## 7. Price:

- When it comes to sealers and coatings, you usually get what you pay for. If a product is priced way below the competition, this should raise concerns as to its quality and long term performance.
- Purchasing sealers from reputable suppliers will give you satisfaction that the sealer will be of good quality and you have a company that will stand behind it.
- Beware of extended warranties which are often misused-marketing schemes.



## Guidelines/Summary

### General guidelines when sealing

There is no single process for applying all types of sealers and coatings but there are some general rules that hold true.

- Over application is a leading cause of sealer or coating failure. Multiple thin coats are always better than one heavy coat.
- Surfaces must always be cured clean and thoroughly dry.
- Environmental conditions are critical. An air and surface temperature range of 10 - 20 degrees Celsius is optimum.
- The actual process of the application plays a large role in the long term success of the sealer or coating:
  - Each product has a specific method of application, best suited to its chemistry and properties.
  - Follow Permacolour's application instructions for the specific product being used.

### Summary

Even the most diligent selection process cannot replace real life experience. Establish from others, which products have worked best for your type of project. The downside of internet research is separating fact from marketing hype.

### Specific guidelines when sealing

**ALL CONCRETE THAT IS TO BE SEALED MUST BE ACID WASHED AND ALLOWED TO DRY COMPLETELY BEFORE SEALING. INTERNAL CONCRETE CAN ALSO BE SANDED OR LIGHTLY GROUND.**

The Acid washing of concrete is a requirement after the concrete has cured sufficiently, in order to remove surface efflorescence and to open the pores before sealing. This will help the sealer to penetrate and result in a superior bond between the sealer and the surface. Floors that are acid washed before sealing will have greater colour enhancement and will appear darker than floors that have not been acid washed. Acid washing is a critical process that is required to be done once and should be approached with care in a controlled manner. Please see Permacolour Acid washing process.

## Guidelines for Resealing Decorative Concrete

Proper maintenance of Decorative Concrete surfaces requires resealing from time to time. The period of time between applications will depend on general porosity as well as use and wear of the surface.

Before simply reapplying a coat of sealer, consideration needs to be given to the following:

- What type of sealer was originally applied? Knowledge of this is critical to ensure that there is no reaction between the sealers.
- The harder the sealer the more difficult they are to reseal and with those special procedures must be followed.
- Has the surface been treated with any maintenance products since the original sealer was applied such as wax's, silicones etc. The biggest threat for resealing is existing contaminates.
- How many coats of sealer in total have been applied? External concrete surfaces can only have several coats before it is unable to breathe. When this happens the sealer will start to fail and bloom.

### **Please contact one of our technical advisers for advise on resealing**

#### **Surface Preparation before Re-Sealing**

1. A cross hatch test is required if the surface has been sealed more than 2 years ago to ascertain whether existing sealer is suitable to be resealed over.
  - Use a sharp blade to create a light "crosshatch" incision through the sealer.
  - Place a piece of self adhesive tape (clear tape is recommended) over the incision.
  - Press firmly for maximum adhesion and remove sharply. Repeat with fresh tape several times. If sealer is present on the tape, it is advised the sealer be completely stripped from the surface. Seek professional contractors should stripping be required. If there is no sign of sealer adhering to the tape or delaminating from the surface, this would indicate that the bond of the existing sealer is sufficient for resealing.
  - Please note: is existing sealer shows signs of whitening or blooming, regardless of cross hatch test results, sealer may need to be stripped completely from the surface. whitening may reoccur if new coat of sealer is applied over this problem.
1. Do not water blast the surface.
2. Clean the entire surface using Permacolour Concrete Cleaner & rinse thoroughly. If the surface is extremely mossy treat a few weeks prior with Permacolour Moss, Mould and Lichen Killer.
3. It is best to wash the concrete the day before sealing to allow it to completely dry before applying the sealer. In colder months wash three to four days prior and allow concrete to dry for two- three days.
4. Once the surface is thoroughly dry (generally the next day) apply Permacolour Sealer Prep with a soft broom or roller sparingly. Applying Sealer Prep prior to sealing re-activates already sealed surfaces allowing the new sealer to have an improved bond over the slab.

#### **Sealer Application**

1. Exterior surfaces are best sealed:
  - In summer
  - Between 12pm and 6pm when the surface is dry

If the surface is sealed any earlier than this it can cause the sealer to bubble due to moisture escaping called degassing when the concrete warms up. Please refer to resealing instructions for each type of sealer. Contact our technical department for more information.



### Moss, Mould & Lichen Killer Eliminator

Specially formulated for both sealed and unsealed coloured, exposed and plain concrete. This product is ideal for all concrete areas including driveways, patios and paths. Controls moss, mould and lichen for up to 12 months.

Coverage per 20 litre is 2400m<sup>2</sup>

Packaging: 5ltr, 20ltr



### Concrete Cleaner

Permacolour Concrete Cleaner is a concentrated cleaner designed for upkeeping maintenance of sealed, imprinted, coloured and textured surfaces. Permacolours Concrete Cleaner can be used for automotive and industrial degreasing.

Coverage: N/A Ratios: Imprint mats/other 1:20 or Sealed/unsealed 0.5:20

Packaging: 1ltr, 2ltr, 5ltr, 20ltr



### Hydrochloric Acid

Acid washing is recommended before sealing new concrete. By doing so you are ensuring all efflorescence is removed from the surface and that the pores of the concrete are opened.

Packaging: 2ltr, 5ltr, 20ltr



### Sealer Prep

Permacolour Sealer Prep is a blend of solvents surfactant developed for the use of preparing sealed concrete surfaces for a reseal application. When applied sparingly, it will reactivate the surface to give the new sealer extra adhesion.

Packaging: 5ltr, 20tr



### Respond Maintenance Cleaner

Neutral PH cleaner suitable for polished floors. Apply with a cotton mop or automatic scrubbers.

Recommended for use on floors sealed with Permacolour Stone Sheen.

Packaging: 5ltr



## Colour your Sealer



Due to the printing process, colours may vary from actual colour

### Permacolour Concrete Sealer Booster

Permacolour Booster is a tinting agent designed for tinting Permacolour Concrete Sealers. The booster can be used to colour tint new and existing concrete surfaces or at full strength to completely colour the surface, creating a paint like finish.

- Easy to use
- For internal and external use
- Partial or full tint effects available
- Cost effective means to remedy discoloured substrates caused by:
  - Pinto
  - Inconsistent batching
  - Minor rain damage
- Packaging: 1ltr Can

For a full tint (paint like look) dose - at 1ltr per 20ltr of Sealer.

For tinting purposes only, dose at 1/4 of a can per 20ltr of sealer.

## Matting Agent



### Permacolour Matting Agent

Permacolour Matting Agent is used to reduce the gloss level of solvent sealer by adding product into the top coat of sealer to either create a semi-gloss or low sheen finish.

This product is available in a 1 litre can, you can add up to 2 x 1 litre cans per 20ltrs of solvent based concrete sealer depending on your desired look.

Packaging: 1ltr Can

## Thinners for Sealers

Thinning the first coat of sealer is important to allow the product to better absorb/penetrate into the concrete surface.



### Permacolour Concrete Thinners

Permacolour Concrete Sealer Thinners is used to thin down the first coat of Permacolour Concrete Sealer. Thin down by 10 -15 %.

Packaging: 2ltr, 5ltr, 20ltr, 200ltr



### Permacolour Ureglaze No8 Thinners

Permacolour Ureglaze No8 Thinners is used to thin down both coats of Permacolour Ureglaze. Both coats must be thinned down 10 -15 %.

Packaging: 1ltr, 4ltr



### Permacolour Seal LO24 Thinners

Permacolour Seal LO24 Thinners is used to thin down the first coat of Permacolour Seal LO24 Sealer. Thin down by 10 -15 %.

Packaging: 2ltr, 5ltr, 20ltr

## Non Slip Materials for Sealer

When sealing surfaces for foot or vehicle traffic it is important that the finished surface has a certain slip resistance when wet.

### Slip Reducer

- Clear
- Easy to apply, just add to sealer and apply sealer as normal
- Suitable for those not experienced in applying non slip grit
- Use 1 x 240 gram tub per 20ltr of sealer & 1 x 60 gram tub per 5ltr
- Ensure polymer beads do not settle in tray/bucket during application



Packaging: 240gram & 60gram Tub

### Aluminium Oxide & Glass Grit

- Simply broadcast over the sealed surface while the first coat of sealer is tacky to touch. Then apply another coat of sealer to hold in the grit.
- Very good slip resistance.
- Use aluminium oxide on dark coloured floors and glass grit on lighter coloured concrete floors
- Use 1 kg per 25-40 m<sup>2</sup>
- Can be hand broadcasted or applied with a grass seed spreader



Packaging: 2kg Tub

### These Products are:

- Tested & proved to be above council requirements and New Zealand standards.
- Compatible with most Permacolour Sealers
- Does not detract from the aesthetic appeal of most decorative finishes.

# Permacolour Sealer Range

## Solvent Based Sealers



## Concrete Sealer

### HIGH QUALITY COLOUR ENHANCER AND PROTECTION COATING

**USE:** Permacolour Concrete Sealer is a moderate gloss clear finish sealer for all imprinted, stencilled and coloured concrete. This sealer can also be used for exposed aggregate and stone surfaces. It seals and dust proofs the surface while providing resistance to water, tyre marking, scratching and marring in hot climates. It provides a deep rich look to any concrete finish and offers a high resistance to acid, oil, grease and stains from organic matter. Primary design applications are horizontal surfaces however can be used vertically by limited capacity. The primary life span depends on location and what it is subject to.

**Coverage: Approximately 5-6m<sup>2</sup> / litre / coat**

- Tintable using Permacolour Booster
- Durable
- Perfect for exposed aggregate

**APPEARANCE:** Moderate Gloss

**COLOUR ENHANCEMENT:** High wet look

**DURABILITY:** ★★★★★

**PACKAGING:** 2L, 5L, 20L, 200L

**EXTERNAL USE**



[See MSDS and Application sheets for further information](#)

## Concrete Sealer Extra

### HIGH SOLID GLOSS SEALER FOR POROUS AND STANDARD SURFACES

**USE:** Permacolour Concrete Sealer Extra has a moderate gloss clear finish and is designed for use as a high build sealer on external and internal surfaces. This sealer like Permacolour Concrete Sealer, seals and dust proofs surfaces while providing resistance to water, tyre marking, scratching and marring in hot climates. This sealer can be used in a limited capacity on vertical surfaces when applied in thin coats. Heavy application on vertical surfaces may lead to dripping and streaking. This is as its primary design is for horizontal surfaces. Due to high solid capacity, this product is excellent for sealing decorative overlay.

**Coverage: Approximately 5-6m<sup>2</sup> / litre / coat**

- High Build
- High solids content

[See MSDS and Application sheets for further information](#)

**APPEARANCE:** Moderate Gloss

**COLOUR ENHANCEMENT:** High wet look

**DURABILITY:** ★★★★★

**PACKAGING:** 2L, 5L, 20L, 200L

**LIMITED INTERNAL USE  
EXTERNAL USE**



## Same Day Sealer

### PRIMER AND ADHESION IMPROVER

**USE:** Permacolour Same Day Sealer has a moderate semi-gloss clear finish for use on the same day the concrete is laid. Ideal for imprinted, coloured and exposed aggregate concrete, pavers, bricks and products fresh out of mould's to hold colour prior to application of Permacolour Concrete Sealer. Life span depends on location, weathering and traffic the concrete is subject to. This sealer can also be used to protect against efflorescence and to act as a curing compound.

**Coverage: Approximately 6-8m<sup>2</sup> / litre / coat**

**Always apply a Permacolour Solvent Based Sealer as a final top coat.**

- Improves adhesion of subsequent coats
- Protects against efflorescence
- Acts as a curing compound

[See MSDS and Application sheets for further information](#)

**APPEARANCE:** Moderate Gloss

**COLOUR ENHANCEMENT:** High wet look

**DURABILITY:** ★★

**PACKAGING:** 2L, 5L, 20L, 200L

**LIMITED INTERNAL USE  
EXTERNAL USE**



## Endura-Seal +

### EXTRA HARD WEARING HIGH GLOSS SEALER FOR ALL CONCRETE SURFACES

**USE:** Permacolour Endura-Seal Plus is an extra-hard wearing colour enhancer and protection coating over decorative and other concrete surfaces. It has been designed to protect concrete floors from fuel, oil, mould and fungi. This product is excellent for concrete garages and locations which are subject to minimal oil spillage. The primary life span depends on location and what it is subject to.

**Coverage: Approximately 5-6m<sup>2</sup> / litre / coat.**

- Extra-hard wearing

[See MSDS and Application sheets for further information](#)

**APPEARANCE:** High Gloss

**COLOUR ENHANCEMENT:** High wet look

**DURABILITY:** ★★★★★

**PACKAGING:** 2L, 5L, 20L, 200L

**LIMITED INTERNAL USE  
EXTERNAL USE**



## Ultra Prime 2000

### SPECIALLY FORMULATED SEALER PRIMER

**USE:** As a base coat, Permacolour Ultra Prime 2000 penetrates into the surface to give excellent adhesion for the top coats and helps eliminate the effect of measling, damp spots under sealer, and in expansion cuts prior to the application of one of Permacolour's Concrete Sealers.

**Coverage: Approximately 5-6m<sup>2</sup> / litre / coat**

**Always apply a Permacolour Solvent Based Sealer as a final top coat.**

- Reduces the effect of measling

**APPEARANCE:** Moderate Gloss

**COLOUR ENHANCEMENT:** Moderate wet look

**PACKAGING:** 2L, 5L, 20L, 200L

**EXTERNAL USE**



[See MSDS and Application sheets for further information](#)

## Seal LO24

### HARD WEARING LOW ODOUR TURPS BASE CONCRETE SEALER

**USE:** Permacolour Seal LO24 is a low odour turps base concrete sealer which is ideal for sealing in areas where you need to keep the odour down to a minimum; great for around shops, food areas and schools. Ideal on coloured concrete, pavers, ground concrete and stencil imprinted concrete where the surface is open and textured. It is a slow drying sealer therefore it is very good for rolling without lap marks.

**Coverage: Approximately 5-6m<sup>2</sup> / litre / coat**

- Durable
- Easy to apply and maintain
- Low odour

**APPEARANCE:** Moderate Gloss

**COLOUR ENHANCEMENT:** High wet look

**DURABILITY:** ★★★★★

**PACKAGING:** 2L, 5L, 20L, 200L

**LIMITED INTERNAL USE**

**EXTERNAL USE**



[See MSDS and Application sheets for further information](#)

# Permacolour Sealer Range

## Professional floor coatings



### Polyaspartic

#### HIGH-GLOSS, NON YELLOWING, TWO-COMPONENT

**USE:** Rhino AF Polyaspartics is the next generation in two component, rapid curing, durable, decorative coating system. This product is colourfast and UV stable allowing it to take UV exposure without effecting the colour on the surface. Rhino AF Polyaspartics is a 1:1 mix ratio with a roller or broom application.

**Coverage: Approximately: 5m<sup>2</sup> / litre per coat**

- Excellent chemical resistance
- Able to achieve various colours
- Low odour

[See MSDS and Application sheets for further information](#)



**APPEARANCE:** High Gloss

**COLOUR**

**ENHANCEMENT:** Wet look

**DURABILITY:** ★★★★★

**PACKAGING:** 10, 20 & 40L Kits



### Water Based Urethane

#### A HIGHLY DURABLE, CLEAR COATING FORMULATED FOR BOTH INDOOR & OUTDOOR APPLICATIONS

**USE:** Rhino AF Water base Urethane provides excellent resistance to chemicals and stains and contains a UV stabiliser protecting surfaces against UV light. Available in Matte & Gloss suited ideally for overcoating/ finishing clear and pigmented floor coatings on a wide range of substrates.

**Coverage: Approximately 10m<sup>2</sup> / litre @ 150 microns**

- Low odour, 2 part mixing system (4:1 ratio)
- Ideally suited for protection of concrete & masonry, slate sealing & coatings
- Produces a hard, clear film in both Gloss & Matte.

[See MSDS and Application sheets for further information](#)



**APPEARANCE:** Gloss & Matte

**COLOUR**

**ENHANCEMENT:** Wet look

**DURABILITY:** ★★★★★

**PACKAGING:** 5L & 20L Kits

## Rhino ArmaFloor 200SC

### HIGH-PERFORMANCE TWO-COMPONENT EPOXY COATING

**USE:** Rhino ArmaFloor 200SC Epoxy is a two component, 100% solids, solvent free, rapid curing, skim coat Epoxy coating system. This Epoxy is designed as a priming coat to build a thin, yet durable coating system for floors and other applications. It can also be applied as a self-levelling or high build coating system by the addition of Silica Sand.

Permacolour Decorative Flake can be broadcast onto Rhino ArmaFloor 200SC Epoxy to create a custom look.

**Coverage: Approximately 6m<sup>2</sup> / litre**  
**(Prime coat typically 80 microns to 150 microns)**

- Essentially odourless
- Can be used as the primer coat for Rhino Armafloor 400UHS and Metal Fusion Epoxy.
- Can not be tinted

[See MSDS and application sheets for further information](#)

**APPEARANCE:** High gloss,

**COLOUR**  
**ENHANCEMENT:** Wet look

**DURABILITY:** ★★★★★

**PACKAGING:** 20L & 5L Kits

## Rhino ArmaFloor 400 UHS

### HIGH-PERFORMANCE TWO-COMPONENT EPOXY COATING

**USE:** Rhino ArmaFloor 400 UHS Epoxy is a two component, high solids, heavy duty epoxy floor coating. It is recommended for use in the food, beverage, oil, chemical, automotive, marine, fertiliser manufacturing and warehousing industries.

Rhino AF200SC can be applied as a primer coat for an excellent bond with the surface.

**Coverage: Approximately 4-6m<sup>2</sup> / litre @ 300 - 400 microns.**

- Suitable for all types of vehicular traffic - including forklifts, trucks and trailers.
- Can be tinted using the AF400UHS colour packs.
- Not designed for external use.



**APPEARANCE:** High gloss,

**COLOUR**  
**ENHANCEMENT:** Wet look

**DURABILITY:** ★★★★★

**PACKAGING:** 14.5L Kits

**INTERNAL USE**

## Metallic Epoxy

### DURABLE AND SELF SMOOTHING

**USE:** Permacolour Metallic Epoxy is an advanced cycloaliphatic based self levelling, self smoothing, high gloss, low viscosity, crystal clear epoxy coating. Metallic Epoxy exhibits exceptional resistance to chemicals and solvents yet is easy to handle and apply because of the materials low mixed viscosity.

**Coverage: Approximately 1-1.6 m<sup>2</sup> / litre @ 400-500 microns**

- Exceptional adhesion to concrete substrate
- Metallic Pigment available in 16 colours
- Highly chemical resistant
- Essentially odourless



**APPEARANCE:** High Gloss

**COLOUR**  
**ENHANCEMENT:** High wet look

**DURABILITY:** ★★★★★

**PACKAGING:** 15L Kits

[See MSDS and Application sheets for further information](#)

# Permacolour Sealer Range

## Urethane Sealers



### Ureglaze

#### HIGH-PERFORMANCE TWO-COMPONENT FINISH COAT

**USE:** Ureglaze is a unique, high-performance, two component finish coat with an excellent resistance to abrasion, moisture, petroleum solvents mineral and vegetable oils, alkalis and acid. The sophisticated combination of aliphatic urethanes and urethane reactive acrylic resins gives a system unsurpassed for gloss and retention. This product is typically used as a long life top coat over a variety of concrete surfaces. Incredibly durable this product is excellent on concrete floor surfaces, concrete walls, food processing plants, dairy factories, and concrete bench tops.

**Coverage:** Approximately 10m<sup>2</sup> / litre / coat

**NOTE:** Exterior use on vertical surfaces and tables only.



**APPEARANCE:** High gloss, Semi-Gloss or Low Sheen

**COLOUR**

**ENHANCEMENT:** High wet look

**DURABILITY:**



**PACKAGING:** 1L & 4L Kits

*See MSDS and Application sheets for further information*

**INTERNAL AND EXTERNAL USE**

**PERMACOLOUR**  
concrete with style



# Permacolour Sealer Range

## Silicone based Sealers



### Repel SS

#### WATER & OIL REPELLENT NATURAL LOOK, NON-FILM FORMING

**USE:** Permacolour Repel SS is a natural look, non-film forming sealer which penetrates deeply into porous substances. The sealer reacts to produce a bonded hydrophobic lining to the pores. Permacolour KS500 can also be applied to the surface first for added protection. Used to significantly reduce the absorption of water, animal excrement, water borne salts, oil, grease, concrete dusting and other fluids while still allowing the concrete to breathe. Repel SS should be applied in two coats and can be used on any concrete structure or product.

**Coverage: Approximately 5m<sup>2</sup> / litre / coat**

- Natural look/invisible
- Deep penetrating
- Reduces water absorption
- Allows the surface to breathe

**APPEARANCE:** Invisible

**COLOUR  
ENHANCEMENT:** None

**PACKAGING:** 2L, 5L, 20L, 200L



**EXTERNAL USE**

[See MSD and Application sheets for further information](#)



# Permacolour Sealer Range

## Densifier/ Concrete Hardener



### KS500

#### WATER BASED DENSIFIER, HARDENER AND DUST PROOFER

**USE:** Permacolour KS500 is a high tech, clear, water-based sealant that hardens and densifies concrete surfaces and protects concrete from water, oil, gas, grease, salts and chemicals. This sealant's modified materials come together to fuse concrete and appreciably reduces damage to the concrete below. The unique materials within KS500 react with the concrete to form a gel that is insoluble in water and hardens to densify the concrete, decreasing moisture permeability. This product is ideal for use on basement floors and concrete walls, however it can be used on any concrete structure or product. Can be overcoated with Repel SS for added protection.

**Coverage: Approximately 5-10m<sup>2</sup> / litre / coat**

#### THIS PRODUCT IS:

- Non-Hazardous
- Non-Toxic
- Dust Proofer
- Water Based
- Reduces Permeability

**APPEARANCE:** Invisible

**COLOUR**

**ENHANCEMENT:** None

**DURABILITY:** ★★★★★

**PACKAGING:** 2L, 5L, 20L, 200L

**INTERNAL AND EXTERNAL USE**



[See MSDS and Application sheets for further information](#)

# Permacolour Sealer Range

## Water based Sealers



### Stone Sheen

#### WATER BASED, HARD WEARING INTERNAL

**USE:** Stone Sheen is a water-based hard wearing sealer for coloured concrete floors, concrete walls and bench tops. This product provides a durable urethane finish that protects concrete floors from wear and simplifies maintenance. With excellent chemical resistance Permacolour Stone Sheen is ideal for café, bar, retail, residential and supermarket situations. This product has a fast drying time of around 30-40 minutes under normal conditions and responds to high speed buffing for that high gloss finish. Suitable for both new and old concrete as well as stone floors, coloured concrete, asphalt, tile, vinyl, rubber, cork and polished floors.



**Coverage: Approximately 20-30m<sup>2</sup> / litre / coat**

- Water-based
- Fast drying
- Easy to apply
- Odourless
- Durable

*Clean only using  
Permacolour Respond  
Maintenance.*

**APPEARANCE:** Low Sheen

**COLOUR  
ENHANCEMENT:** Low wet look

**DURABILITY:** ★★★★★

**PACKAGING:** 2L & 5L

**INTERNAL USE**

[See MSDS and Application sheets for further information](#)



### Ureglaze WB

#### WATER BASED, HARDING WEARING TWO COMPONENT SEALER

**USE:** Permacolour Ureglaze WB is a high performance waterborne, two component sealer with excellent resistance to solvents, heat and chemicals. Suitable for both new and old internal coloured concrete floors, bench tops, ground or polished floors. Externally great for walls.

Ideal for cafes, bars, retail and residential environments, where the odour needs to be kept to a minimum.

**Coverage: Approximately 12m<sup>2</sup> / litre / coat**

- Water-based
- Excellent resistance to heat and chemicals
- Low odour

**APPEARANCE:** Gloss or Semi-Gloss

**COLOUR  
ENHANCEMENT:** Moderate wet look

**DURABILITY:** ★★★★★

**PACKAGING:** 1L & 4L Kits



**INTERNAL AND EXTERNAL USE**

[See MSDS and Application sheets for further information](#)

**MANUFACTURERS AND SUPPLIERS OF**

**BLACK AND COLOURED IRON OXIDES**

POWDER  
GRANULAR  
LIQUID COLOUR

**FLOOR COATINGS**

OVERLAY  
CEMCOTE  
COLOUR HARDENER  
CHEMICAL STAIN  
MICRO TOPPING

**WALL COATINGS**

CEMPAINT  
MICRO COLOUR

**CONCRETE ADMIXTURES**

ACTIVATOR

**SEALERS**

SOLVENT  
EPOXY  
URETHANE  
WATER BASED  
LOW ODOUR  
MATTING AGENTS  
TINTED SEALERS  
DENSIFIERS  
SILICONE BASED

**STAMPED CONCRETE MATS**

SEAMLESS  
TIMBER  
SLEEPER  
STONE & BLOCK PATTERNS  
STENCILS

**ADDITIVES**

PLASTICIZING AGENTS  
FIBRES  
ACCELERATORS  
HARDENERS  
EFFLORESCENCE CONTROL AGENTS

**ANTISLIP ADDITIVES**

GLASS GRIT  
SLIP REDUCER

**CONCRETE TOOLS**

TROWELS  
SCREEDS  
FLOATS  
BROOMS  
ROLLERS  
TUFF FORM BOXING  
ELECTRIC & PUMP SPRAYERS  
GRINDING AND CUTTING DISCS

**EQUIPMENT HIRE**

GRINDER  
VACUUM

**SAFETY GEAR**

SAFETY BOOTS  
GLASSES

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