

## FAQs

---

### 1. Do Dulux Concrete & Paving coatings protect against oils, stains, discoloration?

Dulux Concrete & Paving coatings form a secure bond with the surface, preventing oils, grease, dirt, water and salt from damaging your concrete. The coatings are designed to have resistance to oils and grease. Water and dirt should present little concern for the Dulux Concrete & Paving coatings.

### 2. How durable are Dulux Concrete & Paving concrete coatings in extreme weather conditions?

Dulux Concrete & Paving coatings will stand up to the harshest weather. Across the range, the technology used is designed to form a secure and durable bond with the surface, protecting against harmful UV rays, heat, cold and rain. Dulux Concrete & Paving coatings will protect your concrete for years to come.

### 3. Will concrete coatings fill voids and cracks in the concrete?

The Dulux Concrete & Paving coatings are made to be low viscosity and capable of penetrating into a surface or spreading well on a previously coated surface. As a result of this behaviour, they do not have the ability to “crack bridge” and hence fill voids and cracks.

The Dulux Concrete & Paving Crushed Pebble Effect topcoat is slightly different. It is designed to be applied at a relatively high build with some resistance to flow. This result provides a small level of crack bridging performance on cracks up to 3mm wide.

## PREPARATION

---

### 1. Why is concrete preparation important?

To get the best performance from any concrete coating it is vitally important to properly prepare the concrete.

Just remember, we ask you to prepare walls and ceilings by cleaning them and we do not generally walk on these surfaces. Concrete coatings must endure both an exterior environment and a great deal of mechanical impact and force.

### 2. What happens if I do not prepare my bare concrete floor before coating?

By removing contaminants, weakly bonded surface layers and opening the bare concrete pore structure with an acid etch, you provide a rough, porous surface for the coating to penetrate. If this step is skipped, the coating will not last. After time the coating will lift, chip, or peel right off the surface.

### 3. How long should I leave new concrete before coating?

New concrete must be cured for a minimum of 28 days before performing any coating processes.

### 4. Why do I need to pressure wash a concrete surface prior to etching?

You need to pressure wash the surface with a minimum 1200 PSI machine to completely remove dirt dust, algae, mould, and other contaminants so the cleaning solution has the best opportunity to do what it is designed to do.

### 5. Will the Dulux Concrete & Paving Bare Concrete Etch and Clean harm my grass or garden?

Due to the Dulux Concrete & Paving Bare Concrete Etch and Clean being biodegradable, it is safe for your grass and garden.

### 6. Can my concrete be coated if it is still damp from cleaning?

When coating with a solvent-based paint system the concrete must be completely dry prior to coating.

When coating with a water-based primer system the concrete must have no standing water – it may still be damp when the primer is applied. When the primer is dry the topcoat can be applied. A squeegee or a broom may be used to remove excess standing water from the surface residual after the etching and cleaning steps.

## 7. How sound does my concrete need to be to coat?

Concrete should be in good condition and should not show signs of any loose, chipped, or cracked concrete. For best results, remove all loose material and dust, then repair damaged areas before you coat. If applying product to newly poured concrete, allow surface to cure for at least 28 days prior to coating.

Check with Dulux Help and Advice on 13 25 25 on what may be the best approach before tackling the job yourself.

## 8. Can I coat damaged or poor condition concrete?

We do not recommend applying any coating product on damaged concrete, concrete with visible damage, or concrete in poor condition. All concrete to be coated must be sound.

## 9. Will concrete coatings mask imperfections in the concrete?

If the imperfection is a visual effect and there is a colour or slight surface roughness change, then a coloured or tinted coating will most likely make these look better.

You can discuss this with Dulux Help and Advice on 13 25 25 prior to applying the coating.

## 10. My concrete is sealed, can I still coat it? What do I have to do if the concrete is sealed?

If your concrete is sealed it is simply a matter of identifying that this is the case and selecting the right *Dulux Concrete & Paving* system.

a) *Dulux Concrete & Paving* solvent-based coating option

For rejuvenating a clear sealer, simply clean the sealed surface with *Dulux Concrete & Paving Sealed Surface Cleaner*, power wash and when dry apply *Dulux Concrete & Paving Clear Protective Sealer*.

b) *Dulux Concrete & Paving* water-based coating options

To change the colour of the concrete sealer, simply clean the sealed surface with *Dulux Concrete & Paving Sealed Surface Cleaner*, power wash, then when dry apply *Dulux Concrete & Paving Sealed Surface Primer*. When this is dry apply 2 or more coats of the appropriate *Dulux Concrete and Paving* water-based topcoat –

- *Dulux Concrete & Paving Coloured Sealer*
- *Dulux Concrete & Paving Super Grip*
- *Dulux Concrete & Paving Crushed Pebble Effect*

## 11. My concrete already has paint on it. Can I apply over this with another coating?

If the concrete already has paint on it, check for areas of poorly bonded or peeling paint. Remove any loose paint by sanding and scraping and using a power washing unit (1200psi or greater). Test the adhesion of the remaining paint on the surface by doing the following:

1. With a single-edged razor blade cut an X, with the arms and legs of the X around 50mm long, through the coating, down to the concrete.
2. Apply a 100mm piece of good quality duct tape over the X and press firmly.
3. Completely remove the tape with one quick pull upwards to try to remove the coating.

If any of the coating under the tape taped area is removed with the tape, the original coating is not adhering well. The concrete should not be coated unless all previous paint is removed using a water pressure cleaner, concrete floor sander or suitable paint stripper. *Dulux Precision Coating Remover (Green)* is suitable to assist in removing most concrete coating systems.

Call Dulux Help and Advice on 13 25 25 for more information.

## LEAD WARNING

---

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.

Before you start, find out how to protect yourself and your family by reviewing the information made available by The Australian Government in their free-of-charge booklet called “Lead alert – the six-step guide to painting your home” which can be downloaded from the following website:

<http://www.environment.gov.au/atmosphere/airquality/publications/housepaint.html>

The Australian Paint Manufacturers Federation (APMF) have fact sheets available on this subject which can be downloaded from the following website: <http://www.apmf.asn.au/documents/leadinhousepaint.html>

### **12. What are the proper surface/ambient temperatures to apply concrete coatings? How long do I need to maintain these temperatures?**

These comments are general and represent the minimum temperatures required across the *Dulux Concrete & Paving* product range.

Minimum concrete temperature for coating is 7°C. Product should be applied when ambient/air temperature is 10-30°C. Concrete floors take a long time to warm up; make sure the previous day has also been at least 10°C prior to coating. Do not apply if night time temperature is expected to drop below a low of 5°C. For best results, temperatures should not drop below 10°C for 24-72 hours after applying a coating.

However, we know that our coatings will need to accommodate much lower temperatures at various times of the year in our Australian and New Zealand markets. Hence, we nominate 7°C as the concrete minimum temperature knowing that the products will still cure, just over a longer time.

### **13. How much time should I allow for application?**

Many projects can be completed in one or two days depending on the prevailing weather conditions, the amount of preparation required, and the area to be coated.

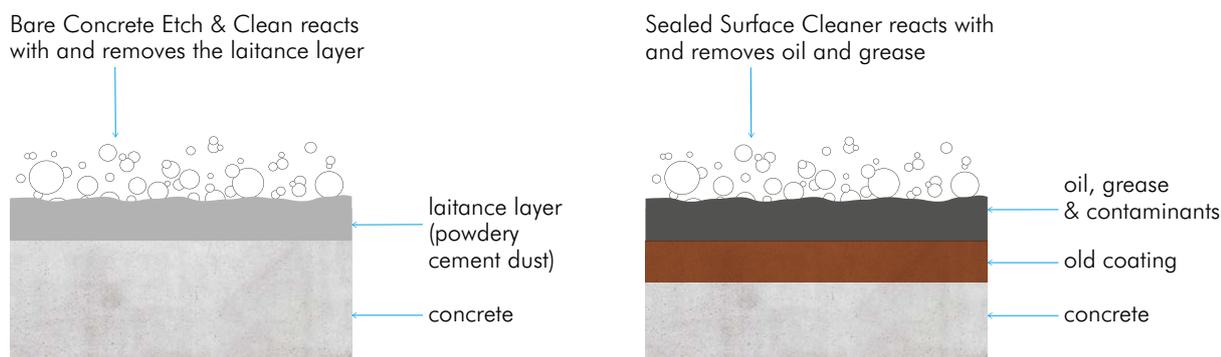
Garage floor projects can take two to three days. This will depend on the prior condition of the concrete, the area to be coated, and the prevailing weather conditions.

Always read the product label for specific dry times and application instructions.

## CLEANERS

### 14. Why are there two cleaners?

Due to the different natures of the surfaces they each need to be cleaned in a specific way to ensure an effective cleaning process. For bare concrete and paving, it is important to etch the surface with *Dulux Concrete & Paving Bare Concrete Etch & Clean* prior to priming. This will remove the laitance layer present on the surface of new and aged concrete and roughen the surface to provide a key for paint. A sealed surface doesn't require etching but is still likely contaminated with dirt, oil and grease.



### 15. What if I don't have time to prime immediately after I clean? How long can I wait in between the cleaning and priming steps?

If the surface must be left for a period after preparation (up to 1 week) avoid driving on and walking on the surface if possible.

If coating new or aged bare concrete, as long as you have not left it for longer than a week you do not have to etch the surface again. However, you must use a power washer to remove any contaminants you can see on the surface before applying the *Dulux Concrete & Paving* coating systems.

If the concrete is a sealed system, use a power washer and a *Dulux Concrete & Paving Sealed Surface Cleaner* to remove any contaminants you observe before applying the *Dulux Concrete & Paving* coatings.

### 16. Is the bare concrete cleaning system also a degreaser or do you need to degrease beforehand?

The *Dulux Concrete & Paving Bare Concrete Etch & Clean* is an acid etch and cleaner in one. The product contains a surfactant to assist in removing oily and greasy materials in the concrete surface so that the acid component can do its job.

Degreasing beforehand with other cleaners can sometimes detract from using *Dulux Concrete & Paving Bare Concrete Etch & Clean*.

### 17. What do I do if the area is very dirty and even after you clean the first time you still can see oil stains, grease, etc?

**KEEP CLEANING.** The cleaning step is extremely important, you want to make sure that the area is sound and clean prior to application of any concrete coatings.

For stubborn stains, you can use the relevant cleaner at full concentration followed by a power wash at a minimum of 1200 PSI.

### 18. How do I remove car oil stains from my concrete?

**For bare concrete** use *Dulux Concrete & Paving Bare Concrete Etch and Clean* and follow the cleaning step guidelines on the back of pack.

**For sealed surfaces** use *Dulux Concrete & Paving Sealed Surface Cleaner* and follow the cleaning step guideline on the back of pack.

## PRIMERS

---

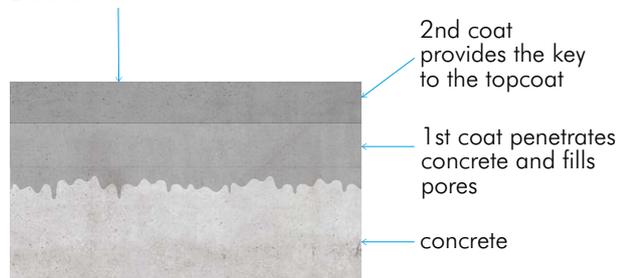
### 19. Why does Dulux Concrete & Paving range have 2 primers?

Dulux designed specific primers for bare concrete and sealed surfaces. This is because bare concrete and sealed surfaces provide different challenges in obtaining a secure level of adhesion for a topcoat. The primers have properties that maximise the potential to bond to the existing surface and present a new surface that is easy for the topcoats to form a secure level of adhesion.

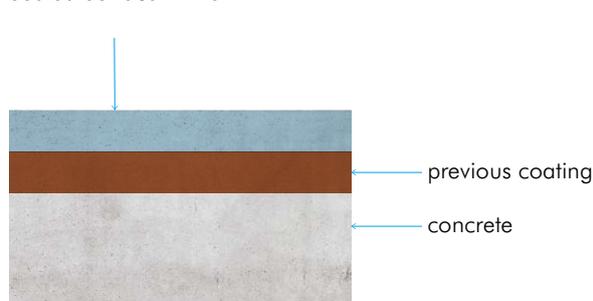
*Dulux Concrete & Paving Bare Concrete Primer* is designed as a penetrating primer that will enter the concrete surface and help bind it to a depth where there is improved strength in the concrete matrix.

*Dulux Concrete & Paving Sealed Surface Primer* will adhere to previously applied coatings and provide well bonded adhesion on most previously coated surfaces. *Dulux Concrete & Paving Sealed Surface Primer* is a water-based product into which an adhesion promoting additive is mixed. The primer is lightly coloured (blue) and has a 3-day pot-life after mixing in the additive.

Bare Concrete Primer



Sealed Surface Primer



### 20. Can you use Dulux Concrete & Paving Bare Concrete Primer on previously coated surfaces?

**NO,**

The *Dulux Concrete & Paving Bare Concrete Primer* works by penetrating and reinforcing the surface of the concrete so can only be used on bare concrete surfaces.

Use *Dulux Concrete & Paving Sealed Surface Primer* on sealed surfaces.

## FINISHES

---

### **21. What are the colour choices for Dulux Concrete & Paving products?**

*Dulux Concrete & Paving Coloured Sealer* comes in 3 bases and offers access to almost all the colours on the *Dulux Colour Wall*.

*Dulux Concrete & Paving Super Grip* is available in 1 base and can be tinted to colours associated with that base. These are generally in the darker colour range of the *Dulux* colour wall.

*Dulux Concrete & Paving Crushed Pebble Effect* is pre tinted to either *Anchor Bay* or *Nightfall* and cannot be tinted further.

### **22. How soon can I use my concrete after coating?**

*Dulux Concrete & Paving* coatings will have variable cure times depending on the temperature and humidity conditions prevailing at the time of application.

For coatings designed for vehicular traffic leave the coating for a minimum of 5 days before driving or parking on the coating. In cold conditions – surface temperature below 15°C – leave for longer to ensure that the cure has progressed far enough for harsh use.

Light foot traffic after 24 hours.

### **23. Can tyres stain a new coating and how do you avoid this?**

Yes. As the *Dulux Concrete & Paving* Coatings age, they cure and become more resistant to staining. The final cure of the products could take 14-28 days to reach dependent on weather and temperature.

To provide the *Dulux Concrete & Paving* products with maximum ability to resist long term staining place pieces of thick cardboard under the tyres for a period from first drive and stand for a further period of 28 days. After this time the coating should have reached full chemical and stain migration resistance.

### **24. What is Hot Tyre Pick-Up (HTP) and how do you avoid it?**

One of the leading concerns that people express about concrete coatings is hot tyre pick-up or hot tyre lift.

The internal temperature of the tyres on your vehicle can get very warm and even hot; particularly when you have been driving at highway speeds. As a result, the tyres expand slightly from this heat. Once you park your car in the garage, this heat transfers to the tread of the tyre and then to the coating underneath. Once the tyre starts to cool, the footprint of the tyre will contract slightly causing the tyre to literally grab and pull at the surface of the coating. This grabbing and pulling in conjunction with one or more other contributing factors can cause the tyre to pull the coating right up off the floor.

To reduce the potential for coating failure, ensure that the correct cleaning and preparation steps are performed and that the designated wait time to traffic the coating is observed. The *Dulux Concrete & Paving* range has superior adhesion properties and if applied correctly will provide the best solution to mitigating hot tyre pick-up.

### **25. Can you use Dulux Concrete and Paving coatings for interior jobs?**

All the *Dulux Concrete & Paving* water-based products can be used for interior applications. They are specifically suited to horizontal surfaces like concrete flooring and tiled surfaces. They have limited capability on vertical surfaces as their sag resistance is not sufficient to support the coating of vertical surfaces.

When using the solvent-based *Dulux Concrete & Paving Clear Protective Sealer* on interior applications ensure that adequate ventilation is available. Open all windows and doors and turn off all pilot lights and electrical appliances that may cause a spark or hot spot that can act as an ignition source.

### **26. Can you use another roller to apply Dulux Concrete & Paving Crushed Pebble Effect?**

No. The *Dulux Concrete & Paving Crushed Pebble Effect Roller* must be used with the *Dulux Concrete & Paving Crushed Pebble Effect* product. The roller is designed to pick up and deposit the correct amount of paint to ensure even coverage of paint with resistance to cover application during roll out.

### **27. Can you drive on Dulux Concrete & Paving Crushed Pebble Effect?**

Yes. *Dulux Concrete & Paving Crushed Pebble Effect* has been designed to be vehicular trafficable, meaning we can drive and park a car on the surface.

### **28. How many coats do you need for Dulux Concrete & Paving Crushed Pebble Effect?**

At least 3 coats for best coverage and finish. A P4 slip rating is achieved in 2 coats.

If there is left-over paint in the can, then keep applying. As the product is for flooring, the more coatings on the surface, the better protection and wear resistance.

## SLIP RATING & SLOPES

---

It is very important to check the slope of any drive or pathway that is to be coated. Slopes of greater than 1:8 or 7° are likely to be a problem when wet if the coating does not have a sufficiently high friction or slip rating.

Using a coating with a high slip rating – P4 or P5 when tested to AS 4586:2013 (Slip resistance classification of new pedestrian surface materials) can minimise the risk of slip and fall related injury.

### **29. Can you apply Dulux Concrete & Paving products on sloping driveways and pathways?**

*Dulux Concrete & Paving* water-based topcoats are slip rated P4, except *Dulux Concrete & Paving Super Grip*. This is slip rated P5. They can be used on slopes up to 1:8 gradient or a 7° angle.

The *Dulux Concrete & Paving Clear Protective Sealer* requires the use of the *Dulux Concrete & Paving Anti-Slip Additive* for a P4 slip resistance.

For slopes greater than 7° please call Dulux Help and Advice on 132525 for further assistance. Such slopes will generally require a professional applicator to complete the job.

### **30. How do you measure the slope of my path or driveway?**

You can download a free angle measurement app from the relevant app store to discern your gradient.

Call Dulux Help & Advice on 132525 for further assistance.

### **31. Can I use Dulux Concrete and Paving coatings around a pool?**

Yes. All *Dulux Concrete & Paving* products can be used around pools. The *Dulux Concrete & Paving Clear Protective Sealer* must be made slip resistant through the addition of *Dulux Concrete & Paving Anti-Slip Additive* in all areas around a pool.

### **32. Do we have Attar Test report certificates for the Dulux Concrete & Paving range?**

Yes. Our slip ratings have all been verified through an accredited third party.