

Polished Concrete



Grind & Seal

There is many misconceptions surrounding Polished Concrete. Most people think every kind of Concrete floor finish is Polished Concrete. When in fact in the industry there is multiple types of finishes.

One of the most common finishes our clients look for is what's called a Grind & Seal. The Grind & Seal finish gives a smooth satin matte finish to the floor and is perfect for those clients that are looking for a rustic industrial finish which is very popular in Cafe's and Resurants right now.

The advantages of this finish it is cost effective and helps to protect the concrete slab from stains and spillages.



Grind & Seal - Partial Exposure

A partial exposure finish as its known involves a part exposure of the aggregate before smoothing off the slab and applying the sealer.



Grind & Seal - Full Exposure

A Grind & Seal with full exposure means the aggregate is fully exposed. This involves using low grit aggressive diamonds to expose the fully aggregate. Then using high grit diamonds to smooth the surface before applying the sealer.

Cream Concrete Finish

Cream concrete finish requires the concrete to be well cured, at no less and preferably more than 32 MPA of strength, having being laid very straight with a highly burnished finish.

Lets not confuse a cream concrete finish with a polished concrete finish. A cream finish is achieved by not exposing any aggregate and switching from metal bonded diamonds to resin bonded earlier in the process.

Being very economical the "Cream" finish is the perfect option for industrial areas where extreme floor strength is required. It is also the obvious choice for large commercial areas subject to high traffic.



Cream Concrete Finish

As cream finish is coating free, the surface will keep the sheen for a longer period of time and is therefore more power efficient by reflecting natural light.



Cream Concrete Finish

Cream is a great contemporary and durable option for both commercial and residential buildings.

Polished Concrete

Polished Concrete is more expensive than Grind & Sealing as there is many more steps and processes involved.

With Concrete Polishing depending on the finish you are looking for it can involve anywhere from 12-18 passes with the Floor Grinders. Changing the Diamond discs and increasing the grit of the diamonds each pass.

Inbetween each pass applying the chemical hardener and allowing it to seep and densify into the slab. This is a timely process and the main reason why Polished Concrete is much more expensive.



Polish - Partial Exposure

Whether you want partial exposure or full exposure its really up to the finish and look you want to achieve. The main difference to obtain a full exposure just takes a few more passes to expose the aggregate.



Polish - Full Exposure

This is grinding enough of the concrete away to achieve the maximum exposure of stones possible. From our experience we have found that removing approximately 5mm of concrete allows the best chance of achieving consistency in exposure.

