

CONCRETIS PCV

POLISHED CONCRETE VENEER



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Concretis Polished Concrete Veneer is revolutionising flooring, making polished concrete as easy as laying tiles. Unlike Polished Concrete slabs which need to be installed at 100mm depth Concretis PCV is able to be installed at 15mm with a finished depth of only 10-12mm.

Based on the Gold Coast we supply and install our systems in a range of projects including commercial, retail, residential and educational projects

We are happy to assist you with any questions or advice regarding our systems. Please contact us:

Phone: 1300 733 813

Email: info@concretis.com.au

Concretis Polished Concrete Overlayment

SUBSTRATE	REQUIREMENTS
Concrete	Where there is an existing expansion joint, this will need to be reflected through with a saw cut in the finished surface to allow for movement
Tiles	Any damaged, loose or drummy tiles need to be removed and patched up. We will conduct a site inspection to determine if the tiles are suitable to install over top of.



Concretis Polished Concrete Overlayment

Finish: Concretis NX Sealer:

Product	Appearance	Suitable Installation	Cleaning	Slip Rating
<p>Concretis NX is made up of quick drying and quick setting binders, specially graded silican sand, synthetic resins and special admixtures. A range of colour packs can be added to the mixture as specified.</p> <p>Concretis NX is mixed on site and hand trowelled to an average depth of 8mm.</p> <p>Two coats of sealer are applied.</p>	<ul style="list-style-type: none">• Trowel Marks• Colour Variation• Tonal Variation• Matt/Satin in appearance• Under some lighting trowel marks become more evident. This is a natural characteristic of the finish	<p>Concretis NX can be installed on internal floors.</p> <p>Concretis NX is not suitable for an external installation.</p>	<p>Vacuum, sweep, and microfibre mop.</p> <p>See following cleaning and maintenance guide</p>	<p>P3</p> <p>(P4 can be achieved with a non slip additive added into the sealer)</p>

Concretis Polished Concrete Overlayment

Finish: Concretis PCV

Sealer: Penetrating Sealer

Product	Appearance	Suitable Installation	Cleaning	Slip Rating
<p>Concretis PCV is made up of quick drying and quick setting binders, specially graded silican sand, synthetic resins and special admixtures. A range of colour packs and aggregate are added to the mixture as specified.</p> <p>Concretis PCV is mixed on site and hand trowelled to an average depth of 15mm, with a finished depth of 10-12mm when polished. A mechanical polished system is applied to the surface, finishing with a penetrating sealer.</p>	<ul style="list-style-type: none">• Full exposure of the aggregate terrazzo style• May be some variation in aggregate size and shape• May be some variation in aggregate exposure	<p>Concretis PCV is suitable for:</p> <ol style="list-style-type: none">1. Internal Floors2. Covered External areas (with a topical sealer)	<p>Vacuum, sweep, and microfibre mop.</p> <p>See following cleaning and maintenance guide</p>	<p>P3</p>

Concretis Polished Concrete Overlayment

Finish: Concretis PCV Sealer: Surface Coating

Product	Appearance	Suitable Installation	Cleaning	Slip Rating
<p>Concretis PCV is made up of quick drying and quick setting binders, specially graded silican sand, synthetic resins and special admixtures. A range of colour packs and aggregate are added to the mixture as specified.</p> <p>Concretis PCV is mixed on site and hand trowelled to an average depth of 15mm, with a finished depth of 10-12mm when polished. The PCV is then ground to expose the aggregate and two coats of sealer is applied</p>	<ul style="list-style-type: none"> • Full exposure of the aggregate terrazzo style • May be some variation in aggregate size and shape • May be some variation in aggregate exposure 	<p>Concretis PCV is suitable for:</p> <ol style="list-style-type: none"> 1. Internal Floors 2. Covered External areas (with a topical sealer) 	<p>Vacuum, sweep, and microfibre mop.</p> <p>See following cleaning and maintenance guide</p>	<p>P3</p> <p>(P4 can be achieved by adding a non slip additive to the sealer)</p>

Concretis Polished Concrete Overlayment

TECHNICAL DATA

Consistency	fine powder
Colour	Grey/White/Neutral
Green Star Credits	very low VOC content
Traffic Time	light foot traffic 3 hours
Compressive Strength	at 28 days \geq 30MPa cured at 23 degrees Celsius
Flexural strength	at 28 days \geq 11MPa cured at 23 degrees Celsius

Concretis PCV must be installed by a certified Concretis installer. The aggregate and cement base mix is blended on site with water. Concretis is a non-structural topping designed to be bonded to a sound substrate. variations in aggregate distribution, colour and micro-cracking are inherent characteristics to be expected.



Concretis Mechanical Polished Concrete

Finish: Concretis MPC Sealer: Penetrating Sealer

Product	System	Appearance	Suitable Installation	Slip Rating
<p>Mechanical polished concrete is produced by grinding the concrete surface with diamonds to reveal or expose the aggregate within the slab (new or existing slab). Further grinding with progressively finer diamonds produces a polished finish. The concrete is then sealed with a penetrating sealer.</p>	<ol style="list-style-type: none"> 1. Grind the concrete from 30 grit to desired exposure and finish level (200grit, 400grit, 800grit) 2. Apply a polymer grouting system during the grinding process 3. Apply Concrete Densifier during the grinding process 4. To apply a Penetrating Sealer 5. To final buff to the floor with a high speed burnisher 	<p>There are a range of different design options that can be achieved in using the Concretis Mechanical Polished Concrete system, such as different levels of stone exposure and gloss levels</p> <ul style="list-style-type: none"> • Full exposure of the aggregate • Partial/No Exposure of the aggregate • Matt Finish • Satin Finsh • High Gloss Finish 	<p>Concretis MPC is suitable for:</p> <p>1. Internal Floors</p> <p>(for external surfaces we recommend a Honed Concrete finish, see following specifications)</p>	<p>P3</p>

Concretis Polished Concrete

Finish: Concretis PC Sealer: Liquathane UVWB

Product	System	Appearance	Suitable Installation	Slip Rating
Polished concrete is produced by grinding the concrete surface with diamonds to reveal or expose the aggregate within the slab (new or existing slab). The concrete is then sealed with UVWB Clear Sealer.	<ol style="list-style-type: none"> Grind the concrete from 30 grit to desired exposure and finish level (60grit, 120grit) Apply a polymer grouting system during the grinding process Apply two coats of sealer 	<p>There are a range of different design options that can be achieved in using the Concretis Polished Concrete system, such as different levels of stone exposure and gloss levels</p> <ul style="list-style-type: none"> Full exposure of the aggregate Partial/No Exposure of the aggregate Matt Finish Satin Finsh Gloss Finish 	<p>Concretis PC is suitable for:</p> <ol style="list-style-type: none"> Internal Floors <p>(for external surfaces we recommend a Honed Concrete finish, see following specifications)</p>	<p>P3</p> <p>(P4 can be acheived by adding a non-slip additive to the sealer)</p>

Concretis Honed Concrete

Finish: Concretis Honed Sealer: Penetrating Sealer

Product	System	Appearance	Suitable Installation	Slip Rating
Honed concrete is produced by grinding the concrete surface with diamonds to reveal or expose the aggregate within the slab (new or existing slab). The concrete is then sealed with a penetrating sealer.	<ol style="list-style-type: none">1. Grind the concrete from 30 grit to 60 grit finish and desired exposure level2. To apply a Penetrating Sealer	<p>There are a range of different design options that can be achieved in using the Concretis Honed Concrete system, such as different levels of stone exposure.</p> <ul style="list-style-type: none">• Full exposure of the aggregate• Partial/No Exposure of the aggregate	<p>Concretis Honed Concrete is suitable for:</p> <ol style="list-style-type: none">1. External Surfaces	P5

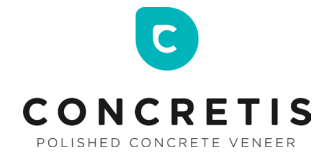
Concretis Honed Concrete

Finish: Concretis Honed Sealer: Surface Coating

Product	System	Appearance	Suitable Installation	Slip Rating
Polished concrete is produced by grinding the concrete surface with diamonds to reveal or expose the aggregate within the slab (new or existing slab). The concrete is then sealed with a surface coating and if non-slip is required a non-slip additive can be added.	<ol style="list-style-type: none">1. Grind the concrete from 30 grit to 60 grit finish and desired exposure level2. Apply two coats of sealer (Matt, Satin, Gloss)	<p>There are a range of different design options that can be achieved in using the Concretis Honed Concrete system, such as different levels of stone exposure and finish of the sealer</p> <ul style="list-style-type: none">• Full exposure of the aggregate• Partial/No Exposure of the aggregate • Matt Finish• Satin Finsh• Gloss Finish	<p>Concretis Honed Concrete is suitable for:</p> <ol style="list-style-type: none">1. External Surfaces	<p>P3</p> <p>(P4 can be acheived by adding a non-slip additive to the sealer)</p>

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