CCS Resurfacing Compound

DESCRIPTION

CCS Resurfacing Compound is the dry component of a two-part colour system specially designed to rejuvenate existing grey concrete.

It is a pre-mixed coloured powder which is mixed with CCS Super Polymer liquid prior to application over clean, sound and dry concrete.

CCS Resurfacing Compound is a processed blend of synthetic iron oxides, chrome oxides and titanium dioxide pigments, specially graded washed silica quartz aggregate, fresh Portland cements and surface conditioning agents.

CCS Resurfacing Compound is manufactured in accordance with our Quality Assurance system to Australian Standard AS3902.

USES

CCS Resurfacing Compounds and CCS Super Polymer have been formulated for use over prepared existing concrete or newly placed concrete that is a minimum of 14 days old.

PIGMENTS

Only UV resistant pigments complying with the World Pigment Standard BS1014 are used to ensure vibrant long lasting surface colours.

PACKAGING

CCS Resurfacing Compound is available in 20kg paper sacks with a plastic liner.

CCS Super Polymer 2000 is available in 20 litre drums.

COLOURS

There are 28 coloured Resurfacing Compounds available:-

Beige's	Sandy Beige
	Almond
	Oatmeal
	Riversand
Blues	Byron Blue
	Deep Ocean
Browns	Autumn Tan
	Coffee Brown
	Muscatel
	Red Oak
	Rust
	Sandstone
	Truffle
	Fossil
Yellows	Camel
	Harvest Gold
Grey/Blacks	Natural
	Shale Grey
	Blue Grey
	Storm Grey
	Charcoal
	Black
Terracottas	Terracotta
	Coral
	Dark Terracotta
Reds	Brick Red
Greens	Cottage Green
	Reptile Green
	Pale Eucalypt
Whites	Off-White
	Classic Cream

APPLICATION RATES

The rate of application depends on the service conditions that the concrete will be exposed to. Recommended rates are as follows:-

- Domestic driveways, paths and car parks with 3kg/m^2 for vehicular traffic under 3 tones.
- Busy shopping footpaths and malls with heavy 4kg/m^2 pedestrian traffic.

STYLEPAVE APPLICATION

There are 16 standard stencil designs in the CCS range including brick, cobble, tile and rock. Further designs can be made utilising fibrous tape or custom made stencils.

After laying a base coat, stencils are applied to the surface and then subsequently sprayed with the coloured CCS Stylepave solution.

A second or third CCS Style Pave colour may be applied. After three hours, or when the topping is dried, stencils may be removed.

Depending on surrounding climate conditions, the dried topping can be sealed with CCS Hardseal or CCS Hibuild Enduro. A second coat of sealer should be applied on a subsequent day when the topping is fully dried.

PLAIN COLOUR FINISH

The CCS Resurfacing System is also ideal for providing a flat coloured surface over existing concrete.

1. After adequate cleaning of the concrete, prime the concrete surface with CCS Super Polymer and water.
2. After the primer coat is dry, apply the base coat. Mix the CCS Polymer with water and add the required amount of dry CCS Resurfacing Compound.
3. The base coat can be achieved using a trowel, squeegee, or hopper gun depending on the desired texture. Allow to dry completely before applying the top coat.
4. Apply the top coat using a hopper gun or trowel depending on desired finish.
5. Depending on the climate conditions, the dried topping can be sealed with CCS Hardseal or CCS Hibuild Enduro.

ABRASION RESULTS

The CCS Stylepave Resurfacing System provides a very tough coating to existing concrete.

Typical abrasion resistance is as follows:-

Applications	Upper Limit for Abrasion Resistance (mean abrasion index) as per AS/NZ 4456.9	Average Abrasion Index Of surface finished with CCS Resurfacing Compound	Results
Residential Pedestrian	7	0.9	Loss of CCS
Residential Driveways	7	0.9	Resurfacing
Public Footpaths	5	0.9	Compound was
Pedestrian Malls	3.5	0.9	very minimal and
Roads	5	0.9	far exceeds
Industrial Pavements	7	0.9	Australian
			Standards
** Results of tests by Queensland University of Technology conducted in accordance with AS/NZ 4456.9. Determination of the abrasion resistance.*			
Surfaces were finished with a mixture of CCS Resurfacing Compound and Super Polymer 2000 at a rate of 4kg/m2			

ANRASION RESULTS SUMMARY

Wearing of the surface finished with CCS Resurfacing Compound was very minimal and is far less than the loss allowed in accordance with AS/NZ 4456.9: Determination of Abrasion Test.

TYPICAL COMPRESSIVE TEST

Results of tests conducted on crushing cubes made from CCS Resurfacing Compound reveal the following typical strengths.

One Day	7 MPa
Three Days	33 MPa
28 Days	56 MPa

Summary: High early and long term strengths ensure a strong abrasive resistant surface finish is achieved.

For further information consult the **Material Safety Data Sheet** and read the product label carefully before use. **Material Safety Data Sheets** are available by phoning **1800 077 744**.

Please Note:- *The information given in this data sheet is based on our current knowledge of the product when properly stored, handled and applied. We cannot guarantee that the product will be suitable, effective or safe when used for any purpose other than its stated uses.*

To the extent that it is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexpert or negligent application, or ordinary wear and tear.

Service or advice given by our staff should not amount to responsibility for the project - since the owner, or their contractor (and not River Sands), is responsible for procedures relating to the application of the product.

CONCRETE
COLOUR
SYSTEMS

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