



CCS Colour Master Sealer

DESCRIPTION

CCS Colour Master Sealer is a clear, solvent based acrylic resin specially formulated to be mixed with CCS Sealer Tint – a two litre colour pack of colourfast iron oxide pigments.

When both parts are mixed together thoroughly they provide a long lasting colourful finish to concrete surfaces.

RECOMMENDED USES

CCS Colour Master Sealer is designed for application on:-

- Plain Concrete
- Stamped / Patterned Concrete
- Resurfaced or Sprayed-On Concrete
- Stencilled Concrete.

PACKAGING

CCS Colour Master Sealer is available in an 18 litre drum plus a 2 litre tin of tint.

COVERAGE

Where two coats are applied, coverage is typically 4 - 5m² per litre per coat. Where two coats are applied, coverage is typically 40-50m² per 20 litre drum.

Refer to the chart below for first coat dilution rates. Always dilute with CCS Solvent 100.

New Concrete Finish	Dilution Rate
Stencil Concrete	1litre: 5 litres
Smooth or Pattern Concrete	1 litre: 4 litres
Exposed Aggregate	1 litre: 5 litres
Spray-on Resurfacing	Not Required

APPLICATION GUIDELINES

(Please refer to the product label on the drum)

SURFACE PREPARATION

Existing Concrete

1. To ensure all surface contaminants are removed, clean the concrete surface using CCS Degreaser making sure to remove any oil stains (strictly following manufactures instructions), then ensure all traces of the degreaser is thoroughly washed away.
2. Wash down the concrete with clean water then apply a mild acid wash (one part hydrochloric acid to 20 parts water) to the area and clean with a high-pressure water blaster.
3. Concrete surfaces that have been previously sealed must be prepared by removing all loose or delaminated material. The entire surface should then be solvent scrubbed with CCS Solvent 100 prior to application of CCS Colour Master Sealer.
4. If the type of existing sealer is unknown, apply CCS Colour Master Sealer to a small sample area and observe after six weeks to evaluate whether the sealers are bonding satisfactorily.
5. If the existing sealer is unsound it is necessary to completely remove the coating with CCS Sealer Stripper, then follow the application guidelines above.
6. Allow all surfaces to dry thoroughly before applying the sealer.

Over New Concrete

1. Remove all oil, grease and dirt using *CCS Degreaser* (thoroughly following manufacturers instructions).
2. Thoroughly wash the concrete, using clean household water.
3. Apply a mild acid wash (1 part Hydrochloric Acid to 20 parts water). Then clean concrete with a high - pressure water blaster.
4. All concrete surfaces must be thoroughly dry before applying the sealer.

Note: Allow new concrete to cure for 28 days before applying *CCS Colour Master Sealer*.

We recommend applying a minimum of two coats of *CCS Colour Master Sealer*.

FIRST COAT

1. Add the entire contents of the 2 litre *CCS Sealer Tint* into the 18 litre drum of *CCS Colour Master Sealer*. Part mixes must be mixed at the same ratio of two litres of tint to 18 litres Sealer.
2. Excess sealer tint will be detrimental to the characteristics of the coloured sealer. Stir vigorously for five to 10 minutes to ensure even pigment dispersion. Making sure the sealer is streak free.
3. Using *CCS Solvent 100*, thin the first coat (refer to dilution chart on page one).
4. *CCS Colour Master Sealer* should be applied using a quality solvent resistant bristle broom head, short napped roller or metal airless sprayer.
5. Allow 24 hours before applying the second coat.

SECOND COAT

Stir thoroughly and apply as above, however thinning is not required.

CLEAN UP

Wash all equipment thoroughly in *CCS Solvent* and allow to dry.

CURING

Curing time depends on the temperature. The sealer is usually touch dry in 20 minutes at 25 ° Celsius. The concrete can usually be walked on after 24 hours. Allow seven days before parking on the coating.

COATING LIFESPAN

The expected lifespan of the coating will be effected by the location, weathering and traffic the concrete is subjected to.

In exposed, heavy traffic areas, re-coating may be necessary after 18 months. In light use areas, protected from adverse weather conditions the coating will last longer.

One major benefit of *CCS Colour Master Sealer* is the ease of re-coating.

TRACTION ENHANCEMENT

For adequate traction enhancement you must ensure your concrete surface has a textured profile before you add a coating to it. As a general rule, the application of a coating to concrete will reduce the existing slip resistance of that surface.

The impact of the sealer depends on the thickness of the coating – the thicker the coating, the smoother the surface becomes.

Consequently, care must be taken when sealing concrete to ensure that the surface texture has sufficient profile to provide adequate traction.

To aid traction, mix a satchel of *CCS Sealer Grip* (regular or coarse) additive into the sealer prior

to application of the **final** coat. However, as the sealer wears, the traction additives will also diminish in effectiveness.

HEALTH AND SAFETY

- *CCS Colour Master Sealer* is flammable. Avoid contact with heat and naked flame.
- Avoid contact with the skin and eyes
- Use gloves, mask and goggles during application
- Provide adequate ventilation when using in confined spaces
- If swallowed, seek medical attention immediately.

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, inexperienced 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.



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