CCS Colour Master Sealer

DESCRIPTION

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

When both parts are mixed thoroughly they create a long lasting opaque colour finish over concrete surfaces.

RECOMMENDED USES

CCS Colour Master Sealer is designed for application on:-

- Plain Concrete.
- Stamped / Patterned Concrete.
- CCS Stylepave 'Sprayed–On Concrete'.
- Stencilled Concrete.
- Exposed Aggregate.

PACKAGING

CCS Colour Master Sealer is available in a 18 litre drum. When mixed with the 2 litre CCS Colour Master Tint it makes up 20 litres.

COVERAGE

Coverage is approximately 4–5 m^2 per litre per coat. Where two coats are applied, coverage is approximately 40–50m^2 per 20 litre drum.

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

Concrete Finish	Dilution Rate Solvent : Sealer
Stencil Concrete	1litre : 5 litres
Plain or Pattern Concrete	1 litre : 4 litres
Exposed Aggregate	1 litre : 5 litres
Spray-on Resurfacing	If Required

APPLICATION METHOD

Best results are achieved by using a CCS Solvent Resistant Broom Head. A low pressure sprayer or roller can also be used, however penetration into the concrete is not as effective as using a broom head.

Fresh concrete which has not been treated with CCS Same Day Sealer or a curing agent should be left to cure for a minimum of 28 days prior to application of sealer.

PREPARATION

- **Existing Unsealed Concrete**

To ensure all surface contaminants are removed, apply CCS HD Degreaser or CCS Citric Cleaner to the surface, removing any oil stains.

Scrub the surface with auto scrubbing equipment or use a high pressure water cleaner to remove contaminants, ensuring all traces of the degreaser are thoroughly removed.

Note: A minimum of two coats of CCS Colour Master Sealer must be applied. However, a third coat may be required on very porous or boney concrete.

- **Resealing Concrete**

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 prior to immediate application of CCS Colour Master Sealer.

If the existing sealer is flaking/peeling, it is necessary to completely remove the coating with CCS Enviro Stripper.

Ensure the surface is thoroughly rinsed and dry before applying any sealer.

FIRST COAT

1. Thoroughly mix the 2 litre tin of CCS Colour Master Tint.
2. Then add the entire contents of the 2 litre CCS Colour Master 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 of sealer.
3. Never adjust the ratio of tint to sealer as the coating will fail. Stir vigorously for 5–10 minutes, using a slow speed mixing paddle to ensure even colour dispersion.
4. Using CCS Solvent, thin the first coat (refer to dilution chart on previous page).
5. CCS Colour Master Sealer should be applied using a CCS Solvent Resistant Broom Head, short napped roller or a solvent resistant, low pressure sprayer.
6. Allow 24 hours before applying the second coat.

SECOND COAT

Stir thoroughly and apply as above, however thinning is not required. Apply the second coat in the opposite direction to the first coat.

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 25ºC. The concrete can usually be walked on after 24 hours. Allow seven days before parking on the coating.

NOTE

CCS Colour Master Sealer is not to be used as a curing compound for freshly laid concrete.

APPROPRIATE SURFACE TEXTURE

As a general statement, the application of a coating to concrete will reduce the existing slip resistance of that surface.

Consequently, care must be taken before 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 additive into the sealer prior to application of the final coat. However, as the sealer wears, the traction additives will also diminish in effectiveness.

COATING MAINTENANCE/ LIFESPAN

The expected lifespan of the coating is dependant on the location, weather and traffic the concrete is subjected to. One major benefit of all CCS solvent based sealers is the ease of re-coating.

Assess the surface after 12 months, 18 months and 24 months from the application date, to determine if it requires recoating. In light use areas, protected from adverse weather conditions the coating will last longer.

STORAGE

Store in a bunded area or in an approved flammable store away from direct heat.

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**.

CONCRETE COLOUR SYSTEMS

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