CCS COLOUR MASTER SEALER

DESCRIPTION

CCS Colour Master Sealer is a clear, solvent based acrylic resin available in 12 colours, specially formulated to be mixed with CCS Colour Master Tint - a 2 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, available in matt or gloss finish.

Other non standard colour are made on request.

RECOMMENDED USES

CCS Colour Master Sealer is designed for completely recolouring:

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

PACKAGING

CCS Colour Master Sealer is available in an 18 litre drum.

When mixed with CCS Colour Master Tint (2 litres), creates a total of 20 litres.

COVERAGE

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

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

Concrete Finish	Solvent: Sealer
Stencil Concrete	1 litre : 4 litres
Plain or Pattern Concrete	1 litre : 4 litres
Exposed Aggregate	1 litre : 4 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 should be left to cure for a minimum of 28 days prior to application of sealer, if this can not be achieved please consult your local CCS representative for more information.

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 bony concrete.

Resealing Concrete

Concrete surfaces that have been previously sealed must 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.
   Note: We recommend using the entire contents of the 2 litre tint drum to achieve a full opaque finish. Should less tint be used, a less opaque finish will result, but CCS can not guarantee the resulting colour.
3. 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 4 to 24 hours before applying the second coat.

SECOND COAT

Stir thoroughly and apply as per first coat. 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.

IMPORTANT INFORMATION

Sealer should only be applied during 10 and 32 degrees Celsius. Do not apply to a surface that is or has been exposed to direct sunlight for a period of time. Do not apply in the middle of the day. Allow surface to cool down sufficiently before applying sealer. Do not apply sealer when wind speed is 12 knots (22km/h) or greater. Do not over apply sealer – thin coats only. Failure to adhere to these conditions may result in blisters appearing.

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 dependent on the location, weather and traffic the concrete is subjected to.

One of the major benefits of all CCS solvent based sealers is the ease of recoating.

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 Safety Data Sheet and read the product label carefully before use. Safety Data Sheets are available from www.concretecoloursystems.com.au or by calling 1800 077 744.

User Responsibility-Product Selection and Compatibility

CCS warrant that their manufactured product is free from defects as well as being suitable for the purpose for which it is intended as long as it has been used and applied in accordance with the most current Technical Data Sheet from CCS.

In practice, differences in materials, substrates and actual site conditions require an assessment of product suitability for the intended purpose.

The user is responsible for checking the suitability of products for their intended purpose.

Further, combinations of products that form a total system are often required to service particular applications. Due to the multitude of products available to service an application, only products from the CCS system of products must be used in combination with this product to ensure it will be suitable for the purpose for which it is intended.

The product must also not be mixed or used in combination with any other product which is not a product supplied by CCS.

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