

CCS CONCRETE GRAFFITI GUARD

DESCRIPTION

CCS Concrete Graffiti Guard is a two component, water based polyurethane coating specifically designed for concrete and cementitious surfaces. It's an Ideal surface coating for environments where application of solvent based products are restricted.

It can be applied over most primed or pre coated surfaces as well as masonry, however before applying to masonry a test patch is recommended to check adhesion.

This easy to apply, environmentally friendly, non-yellowing coating is designed for interior and exterior applications to produce a permanent non-yellowing coating.

FEATURES AND BENEFITS

- Water based / Low VOC
- Easy removal of Graffiti (with CCS Graffiti Remover)
- Low odour
- Easy clean up
- Non yellowing formula
- Can be used internally and externally
- Re-coatable (after a light sand)
- Long pot life
- Excellent adhesion

RECOMMENDED SUBSTRATES

- Concrete Precast Panels
- Polished concrete
- Masonry
- Pre-coated surfaces
- Metallic surfaces

PERFORMANCE PROPERTIES

Appearance	Liquid
Colour	Clear
Finish	Matt
Volume Solids	Approx. 43% when mixed
Specific Gravity	Approx. 1.09 @ 25°C
Pot Life [#]	Approx. 4 hours @ 25°C
Full Cure [#]	5-7 days @ 25°C

[#] Dependent upon climatic conditions; relative humidity, air object temperature and air movement.

PACKAGING

CCS Concrete Graffiti Guard is made to order in 10 litre kits.

Part A: 8 litre

Part B: 2 litre

COVERAGE

- Coverage is typically 6-8 m²/litre/coat.

SURFACE PREPARATION

All surfaces to be treated should be clean and structurally sound.

For pre-coated surfaces, make sure that the surface is free from dust, oil and any other contaminants. For pre-coated surfaces sanding the surface before application of CCS Concrete Graffiti Guard is always recommended. An adhesion test should be conducted on a small test area prior to application.

To prepare a concrete surface use either CCS Citric Cleaner or CCS HD Degreaser to remove surface contaminants. By using CCS Citric Cleaner at a lower dilution rate an etching process is provided to the surface. To ensure the acid is neutralised apply CCS HD Degreaser prior to the application of CCS Concrete Graffiti Guard.

All surfaces should be dry and clean before application.

New concrete should be at least 28 days old before applying CCS Concrete Graffiti Guard.

APPLICATION

This product may be applied by roller, brush or spray equipment.

The product must be mixed prior to application. Mix each part individually to ensure uniform consistency, making sure to clean the mixing equipment in water between mixers.

Then combine each part in a mixing ratio of 4:1 (4 parts Part 'A' to 1 part 'B') Part 'B' must be added to Part 'A', then stir for 2 minutes until the mixture has a uniform consistency. It is preferred that mechanical mixing is used for best finished product consistency.

In all cases clean water may be added to adjust the viscosity of the mixture, no more that 10% of the kit size is sufficient.

Two coats are necessary for optimum protection when applied by brush or roller.

Spray application needs 2 coats of approx. 70 micron dry film thickness.

NOTE: Do not apply more than 70 micron dry film thickness because this will cause the formation of foam in the coating.

1. When applying the first coat of CCS Concrete Graffiti Guard by brush or roller ensure adequate cover and a smooth finish. For smooth surfaces rollers such as a lambs wool applicator or mohair roller are the best application tools. When applying the product, it is important to maintain an even wet edge with the least amount of agitation/aeration.

2. Do not work the coating excessively or apply the coating too thick as this may result in air bubbles being trapped and a soft cloudy film.
3. The first coat maybe touch dry within 30-45 minutes depending on climatic conditions. Ensure the first coat is touch dry before applying the second coat.

Special Application Notes:

For the removal of graffiti only use CCS Graffiti Remover as other graffiti removers may damage the coating.

Avoid climatic conditions with relative humidity >80%, object air temperature <12°C as they will greatly effect drying and curing speed. The coated material should not be wetted for 12 hours after application. Hence consider protective measures or application if there this is a risk from inclement weather.

Do not re-seal or cover the mixed product as pressure build up will occur.

Discard any unused material after exceeding the pot life.

CLEAN UP

Clean all equipment immediately with water. Cured material can be removed using a water soluble paint stripper or by mechanical means.

STORAGE

CCS Concrete Graffiti Guard should be stored between 5°C and 30°C. Keep away from foodstuff. Keep containers closed at all times.

SAFETY

Use with local exhaust ventilation or while wearing organic vapour respirator. Wear clean, long sleeved, body covering clothing and impervious overshoes. Use neoprene or rubber gloves.

Avoid skin contact.

Use safety glasses with side splash shields or goggles or full-face shield. Always wash hands before eating, drinking, smoking or using toilet.

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.

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, inadequate 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.



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