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Description

C.I.A Ultra Sealer is a solvent borne acrylic coating. It is supplied ready to use, direct from the container without thinning. (Should thinning be required this may be achieved with C.I.A Solvent)

The Ultra Sealer dries to a clear, hard, water repellent non-yellowing film, which has excellent resistance to most contaminants, preventing staining and dirt impregnation. The sealer enhances the oxide colours and exposed stones used in the various types of cement-based paving.

On average the coating should be reapplied around 18–24-month intervals. C.I.A Ultra Sealer significantly reduces surface degradation of the concrete due to pedestrian and vehicle traffic.

Recommended Uses

C.I.A Ultra Sealer is designed for application over:

- Concrete and cement-based products
- C.I.A Topcrete (Sprayed on Concrete)
- Cement based pavers
- Stenciled concrete
- Exposed aggregate

Typical uses include driveways, patios, pathways, courtyards and pool surrounds.

Coverage

Approximately 4m² / litre per coat, depending on the method of application and the porosity and texture of the surface being coated

20 Litre Drum = 80m² (One Coat)

5 Litre Drum = 20m² (One Coat)

1 Litre Drum = 4m² (One Coat)

Surface Preparation – Unsealed Concrete

Surface must be thoroughly dry and free from all grease, oil and fuel contaminants, efflorescence (salt crystals) and other foreign stains and soiling. High pressure water cleaning is recommended for surfaces that are not newly placed. Ensure the surface is clean and most importantly dry. (24 hours minimum from last time the concrete/pavement was wet). Green Assassin is our recommended cleaning product. Acid etching may be required for closed concrete surfaces. (e.g. Mirror finished by trowelling machine)

DO NOT PLACE ON NEWLY POURED CONCRETE LESS THAN 28 DAYS OLD – See CIA SAME DAY SEALER

Moisture Check

To determine the level of moisture in paving or concrete, place a piece of plastic sheet on the surface hold in place with a heavy object. Eg brick, paver. Leave for approximately 20 minutes. If condensation appears under the plastic film, the paving is too damp to coat.

Application

Methods:

- Solvent resistant broom (Preferred)
- Medium/long nap roller
- Low pressure sprayer

Mix well with a paddle mixer before application (approximately 2 to 3 minutes' mixing recommended)

Two coats should be applied to provide an even wet look finish at a rate of 4 to 5 m² per liter.

Slip Resistance & Surface Texture

The use of topical sealers, such as C.I.A Ultra Sealer, on smooth masonry surfaces may reduce their slip resistance. Care should be taken when using C.I.A Ultra Sealer on such surfaces in areas such as inclined ramps, swimming pool surrounds, or any areas where

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rain or surface water (e.g. garden sprays) may cause the surface to become unsafe for pedestrian traffic. If in doubt a small trial area should be prepared. Anti-slip additives are available for inclusion with the second / topcoat. Please consult your supplier.

Clean up

Clean equipment with C.I.A Solvent.

Drying

When only one coat is applied, allow at least two hours at 25°C in good drying conditions before light pedestrian traffic. If two coats are to be applied allow 24 hours in good drying conditions, before applying the second coat.

Removal

The sealer can usually be removed with C.I.A Solvent.

Maintenance and Life Span

The lifespan of the product is dependent on environmental factors.

Recoating is normally required after 18-24 months

Recoating C.I.A Ultra Sealer

Clean area thoroughly using high-pressure water blast or detergent wash and thorough rinse.

Check for whitening or remains of flaking sealer.

Correct if necessary.

Ensure the surface is completely dry before applying the coating.

During application do not overwork the product.

Hardness is usually developed in 24 hours in temperatures more than 20°C.

Safety Directions

Avoid contact with skin and eyes

Avoid breathing the vapour

Wear protective gloves and goggles when decanting, mixing or using

Keep away from sources of ignition i.e. no smoking or naked lights

Keep container sealed when not in use

Store in a cool place

Ensure adequate ventilation of area when applying the product

First Aid

If a person is overcome by fumes, remove from contaminated area and apply artificial respiration if not breathing. Seek medical attention.

Skin - remove contaminated clothing and wash skin thoroughly with soap and water.

If swallowed, do not induce vomiting, give plenty of water or milk and seek medical attention.

Eyes - hold eyes open and wash continuously for at least 15 minutes, seek medical attention.

Material Safety Data Sheet available on request

Disclaimer

The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself our product's suitability for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical advisory service, which is rendered free of charge and without obligation.