

CCS SLAB CLAD R

March 2022

DESCRIPTION

HYDROCARBON RESIN EMULSION CURING COMPOUND (Type 1-D, Class B). TMR APPROVED PRODUCT

Slab Clad R is a membrane-forming concrete curing compound that is based on C5 resin and combined with performance enhancing additives.

When applied to freshly laid concrete, Slab Clad R forms a surface film that enables a high rate of moisture retention - assisting in the development of strength, abrasion resistance and durability.

Slab Clad R is a Type 1-D, Class B curing compound, achieving >95% moisture retention and complying with AS 3799-1998 (Appendix B).

Slab Clad R conforms to Department of Transport and Main Roads MRT S70.

FEATURES AND BENEFITS

- Environmentally friendly
- Water based formula
- Supplied ready for use
- Provides rapid film formation
- Reduces the likelihood of cracking or dusting on the concrete surface
- Easy to use - eliminates messy water curing or the need for polyethylene film

RECOMMENDED SUBSTRATES

Slab Clad R is suitable for new concrete, facilitating maximum moisture retention through the 28 day curing period.

PERFORMANCE PROPERTIES

APPEARANCE	Milky fluid
COLOUR	Light green
FINISH	n/a
MIX RATIO	Ready to use
SPECIFIC GRAVITY	0.95 – 1.0
VISCOSITY	Approximately >50cps

PACKAGING

Slab Clad R is available in 20 and 200 litre plastic drums.

COVERAGE RATES

5m² per litre (or 0.2 litres/m²) using a spray applicator do not brush.

NB: This coverage rate may vary due to the surface texture and irregularities of the concrete surface.

APPLICATION GUIDELINES

- Apply Slab Clad R to the exposed surfaces of concrete after the sheen of water/moisture brought to the surface by the final screeding and trowelling operations has disappeared. The concrete should have hardened sufficiently to walk on and apply Slab Clad R without causing damage.

- Timing of the application is important. If applied to a dry surface, it may soak into the concrete and not form a continuous film. Premature application may not adhere to the concrete or may be broken by the bleed water from the concrete.
- Apply Slab Clad R with a low pressure spray device such as a heavy duty nap sack sprayer or garden sprayer.
- During windy conditions, it may be difficult to achieve uniform coverage at the specified application rate; additional applications may be required.
- Ensure the correct amount of material is being applied to achieve an adequate film build.
- Due to the high solids content in Slab Clad R, we recommend that the product is stirred regularly to prevent settlement and blockages in the spray nozzle.
- Apply Slab Clad R at the rate of 5m²/litre, wet on wet, to produce a continuous film. If pinholes occur, apply a second coat (at 90° to the first application).
- When dry, the coating should be continuous, flexible, without breaks or pinholes, and should remain as an unbroken film for at least 7 days after application.
- Windy conditions, high temperatures associated with rapid evaporative losses, or lack of care on the part of the operator can result in large variations in the rate of application. It is not sufficient to measure the volume of material sprayed over a large area to determine the average coverage rate. This will not indicate the uniformity of coverage nor the volume blown away by wind.

COMPATIBILITY

Slab Clad R will darken slightly with age and UV exposure. In time, the coating will degrade (approximately 6-10 weeks), allowing the unhindered application of other toppings and surface treatments.

Slab Clad R is compatible with some hydrocarbon based primers and is suitable for use on concrete roads, which will be subject to line marking.

Note: Compatibility tests for adhesion and aesthetics should be undertaken prior to the full application of subsequent coating systems.

CLEAN UP

Wash all equipment in water or water/detergent immediately on completion of application and mixing. If the product has dried, equipment can be cleaned using Kerosene fuel or an emulsifiable solvent.

PRECAUTIONS

Always store Slab Clad R in a cool environment prior to use. At low temperatures, it may be necessary to store in a warm environment, or stand containers in 25°C water until ready for use. During high temperatures the viscosity of Slab Clad R may be reduced.

STORAGE

Store between 10°C and 30°C away from direct sunlight. Shelf life is up to 12 months in original unopened container. Partly used containers must be sealed tight when not in use

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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.

For further information consult the Safety Data Sheet and read the product label carefully before use.

Safety Data Sheets are available from www.concretocoloursystems.com.au or by calling 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 the procedures relating to the application of the product.