

CCS Slab Clad R

DESCRIPTION

Slab Clad R is a water based membrane curing compound based on a C-5 resin, combined with performance enhancing additives.

When applied to freshly laid concrete Slab Clad R leaves a dried film to provide a high water retention that enables efficient curing of the concrete, and assists in the development of strength, abrasion resistance, and durability.

Slab Clad R is a Class Z curing compound and is compliant with and achieves **>90% retention when tested to AS 3799-1998 Appendix B.**

FEATURES AND BENEFITS

- Environmentally friendly.
- Water based.
- 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 polyethelene film.

RECOMMENDED SUBSTRATES

Slab Clad R is suitable for new concrete that facilitates maximum moisture retention through a 28 day curing period.

PERFORMANCE PROPERTIES

Appearance	Fluid
Colour	Light green milky fluid
Finish	N/A
Mixing Ratio	Ready for use
Specific Gravity	0.95-1.0
Viscosity	Approx >50cps

PACKAGING

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

COVERAGE RATES

5m² per litre (or 0.2litres/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

- Slab Clad R should be applied to the exposed surfaces of the concrete after the sheen of water/moisture brought to the surface by the final screeding and trowelling operations has disappeared. At the same time the concrete should have hardened sufficiently to walk on or to enable the application of the Slab Clad R without damaging the concrete.
- Undue delay will reduce the effectiveness of the treatment. If Slab Clad R is applied to a dry surface, it may soak into the concrete and not form a continuous film. On the other hand premature application of Slab Clad R is also undesirable because the film may not adhere to the concrete or may be broken by the bleed water from the concrete.
- Apply Slab Clad R by low pressure spray such as a heavy duty nap sack sprayer or a garden sprayer.
- During windy conditions, it may be difficult to achieve a uniform coverage at the specified application rate; therefore additional applications may be required.
- When applying Slab Clad R care should be taken to ensure the correct amount of material is being applied to achieve an adequate film build.

- Due to the high solid content of Slab Clad R we recommend the product is stirred regularly to prevent settlement and blockages of the spray nozzle.
- Apply Slab Clad R at the recommended application rate of 5m²/litre, wet on wet to produce a continuous film. If pinholes occur, a second application at right angles to the first should be undertaken.
- When dry, the coating should be continuous, flexible (without breaks or pinholes), and should remain as an unbroken film for at least seven 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 already dried, equipment can be cleaned using Kerosene fuel or an emulsifiable solvent.

PRECAUTIONS

At low temperatures, it may be necessary to store Slab Clad R in a warm environment or stand containers in 25⁰C water until ready for use.

During high temperatures the viscosity of the Slab Clad R may be reduced, therefore we recommend storing the product in a cool environment prior to use.

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.

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**.

***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, 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 procedures relating to the application of the product.



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