

Description

rbs Greencure Sealer is a ultra low odour single pack white polymeric aqueous emulsion designed to impregnate concrete surfaces thus acting as a curing aid, surface sealer, dustproofer and hardener. It is suitable for use over new and old concrete and performs well on both interior and exterior concrete. After application and drying, the film is clear with a slight glossy appearance. Heavy applications and/or prolonged exposure to moisture will cause the cured film to have a milky appearance. Drying will allow the sealer to become clear again.

Advantages

- Forms an efficient moisture barrier for optimum curing of concrete.
- Seals concrete surfaces to protect against the effects of weathering.
- Hardens concrete surfaces by promoting proper cement hydration.
- Helps eliminate dusting through good strength development.
- Dries to a clear transparent film that resists yellowing under exterior or ultraviolet exposure.
- Alternative to solvent based materials where fumes may be objectionable, undesirable or non-compliant.
- Good abrasion resistance.
- One coat spray application.
- Re-coatable with minimum preparation for certain types of coating.
- Extended service life over many commonly used coatings.

Directions for Use

- The concrete surface must be clean and free of standing water.
- Remove any sealer or other material that may prevent adhesion.
- Use direct from the container, apply at a uniform coverage by spray or roller application.
- On new concrete apply as soon as possible after finishing operations and/or immediately after the disappearance of the "sheen" of surface moisture.
- When sealing old concrete, remove contaminants

and stains such as waxes, grease and oil with strong soaps or caustics rather than acids.

- The surface must be clean and dampened with water prior to application. However any standing water should be removed.
- If a second coat is desired apply within 2-4 hours of the previous coat.
- Clean line and nozzle thoroughly with solvent cleaner immediately after spraying

Coverage

New concrete – Apply using a fine spray at nominal consumption rate of 5-7m²/litre. Only one coat is required. Care should be taken to ensure full coverage is achieved.

Old concrete – Apply by squeegee, brush or spray at a nominal consumption rate of 6-9m²/litre depending on surface porosity and texture. Never apply rbs Greencure Sealer in external situations where rain or frost is likely to come into contact with uncured material. All equipment should be cleaned with water.

Packaging

rbs Greencure Sealer is available in 5, 20 and 200 Litre containers.

Storage

rbs Greencure Sealer should be stored under dry, frost-free conditions away from direct sunlight, under such conditions the shelf life is at least twelve months.

Technical Data

Appearance	White liquid, clear when cured
Specific Gravity @ 15.6°C	1.01 (approx)
Flash Point (PMCC)	>100°C
Curing Efficiency	>75% at 6m ² / litre
Drying Time @ 20°C	Tack free - 1-2 hours Hard dry - 6-10 hours
Compliance	ASTM C-309 Type 1, Class A&B

Typical Engineering Data – Results were developed under laboratory conditions:

Drying Time* @ 21°C, 55% RH	1-2 hours
Recoat Time **	2-4 hours
Foot Traffic	4-6 hours
Wheel Traffic	6-10 hours
VOC Content	< 30 g/l

Weatherometer Testing @ 500 hours:

Ultraviolet Resistance	Good
Chalk Resistance	No Chalking
Check/Peel Resistance	No Deterioration

**Low concrete or air temperatures and/or high relative humidity will extend drying times.*

***If a second coat is to be applied, application must be within 4 hours to ensure proper inter-coat adhesion.*

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Important Note

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company.

It is the responsibility of the customer to satisfy themselves that each product is fit for the purpose for which they intend to use it. Ensure that the actual conditions of use are suitable, and that in the light of our continual research and development programme, the information relating to each product has not been superseded.

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For more information on the Resapol Foundation, please visit our website at www.resapol.com.

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