

REMICURE-S

ACRYLIC, RESIN BASED, MULTI-FUNCTION CURING, DUST-PROOFING, SURFACE-HARDENING, PROTECTIVE MEMBRANE, PRIME & SEALER AND FOR CONCRETE

Product Description:

REMICURE-S is a blend of acrylic resins and improvement ingredients in a mix of carefully selected solvents. REMICURE-S is a non-degradable concrete curing agent which also performs as a surface hardener, dust-proof, and sealer for freshly laid concrete, especially formulated to prevent evaporation of mixing water, thus ensuing proper hydration of the cement in the concrete matrix. This will lead to optimum physical & mechanical properties of the hardened concrete. REMICURE-S is available in a clear and white pigmented grade. The pigmented grade will dry to form a solar-reflective white film. Besides all of the above properties, REMICURE-S will also act as a primer & sealer which will enhance adhesion of next applications (it is not necessary to remove like typical curing agents).

Primary Uses:

REMICURE-S is formulated as a curing compound, surface hardener and prime & sealing agent for:

- Substrates designed to receive subsequent finishes.
- Parking decks & garages.
- Bridge structures, retaining walls, etc.
- Slabs and floors.
- Marine Structures.
- Precast elements.
- Cement-based renders & repairs.

Advantages:

- Easily applied by brush, roller, or spray.
- Excellent moisture retention.
- Fast drying & early water/ moisture resistance.
- Exceptional UV & weather resistance.
- Improved durability & surface hardness.
- Protects concrete against carbonation.
- Super adhesion to concrete and masonry substrates.
- Increase durability and protects reinforcement.
- Dustproof.
- Excellent resistance to freeze/thaw.
- Non-degradable.
- Acts as a primer & sealer for subsequent applications.

Standards:

REMICURE-S is formulated to comply with

- All requirements of ASTM C-309 Type 1, Class B for Clear Grade & Type 2, Class B for Pigmented Grade.
- All requirements of ASTM C-1135 Type II, Class A for Clear Pigmented Grades.

Technical Properties:

Appearance	: clear liquid.
Density	: 850g/l at 23°C.
Chloride content	: Nil.
Adhesion to concrete	: very good.
Film Appearance	: clear white.
Resistance to weathering	: very good.



Application Procedures:

Apply unto surface finished freshly poured concrete and only after the surface water has fully disappeared. DO not apply on standing water as this will affect curing performance. For horizontal surfaces, apply the product using suitable brush, roller or spray. For vertical & overhead surfaces it is recommended to apply with suitable spray equipment (such as knapsack).

Estimating & Supply:

Packaging:

REMICURE-S is supplied in 20 liters, 210 liters and 1000 liter IBCs.

Consumption:

0.15 to 0.20 litre/m²

Coverage may vary dependent on wastage factors, wind, temperature, and application method.

Cleaning:

Unhardened material or spillages with INDU-IB. Cleanser followed by water and soap. Hardened material is only removable mechanically.

Storage & Shelf-life:

REMICURE-S shall be stored in normal conditions away from any extreme temperatures. Shelf-life is 12 months if stored properly in well-closed containers.

Health and Safety:

- REMICURE-S is flammable. Flash point is 39°C.
- Any contamination of skin shall be removed and then washed with tap water and soap.
- For disposal, follow your local regulations.
- For more details about safety requirements, please refer to relevant Material Safety Data Sheet.

