

ConGuard S

Transparent, Siloxane Penetrating Water Repellent

DESCRIPTION

ConGuard S is a Siloxane based penetrating sealer formulated specifically for the protection of masonry materials and concrete surfaces.

ConGuard S is used to provide water repellent surface with improved cleaning properties on exterior building brick work, concrete, cement plaster, natural or cast stone. It protects, coated surface from the effects of the exterior exposure and weathering. It penetrates deep in to the surface pores and reacts chemically to provide a durable, long lasting barrier against water and salt intrusion.

APPLICATIONS

- Brick Facing
- Masonry Surfaces
- Pre-Cast Concrete Blocks
- Natural Stone
- Exposed Aggregate
- Stucco
- Architectural Concrete

FEATURES & BENEFITS

- Deep penetrating into the pores of the substrate results long lasting protection.
- Natural Look of the coated substrate
- Provides barrier to water & salt ingress.
- Easy to use.
- Economical to use
- Masonry Surfaces
- Pre-Cast Concrete Blocks
- Natural Stone
- Exposed Aggregate
- Stucco
- Architectural Concrete

Technical Specs & Physical Properties

Appearance	Transparent Liquid
Active Ingredient	Siloxane
Density	0.8 Kg./- Ltr.
Flash Point	44 ^o C
Drying Time	4-5 Hours
Substrate Temperature	5-35 ^o C
Shelf Life	12 Months

APPLICABLE STANDARDS

ConGuard S complies ASTM C-67

PACKAGING

ConGuard S is supplied in (20 Ltr. Can or 210 Ltr. Drum)

APPLICATION & SURFACE PREPARATION

It is essential that ConGuard S is applied to sound, clean substrates in order to achieve maximum adhesion to the substrate. The surface should be dry, although slight dampness is not harmful. Surface to be treated should be free from oil, grease, loose particles, decayed matter and moss or algae growth.

APPLICATION:

ConGuard S should be applied to the prepared surface using a brush or spray gun. Ensure an even coat over the entire surface. Porous surface should be well saturated with a two coat application. Required coverage rates will vary greatly depending on surface density and porosity.

Standard coverage rate is 2.5 -3.5 M² /- Ltr.

LIMITATIONS

- Substrate temperature at the time of application should be between, 5-35⁰ C
- New concrete or masonry surfaces should be a minimum of 14 days old.
- Do not use over curing compound or any coating.
- Confined areas must be properly ventilated.
- Joint treatments should be done before ConGuard S application.

TECHNICAL SERVICES

A trained RADIANT representative is available to assist in the preparation of specifications, and the resolution of concrete problems in the field.

HANDLING & STORAGE

ConGuard S has a shelf life of 12 months if kept in a dry cool place in the original packing. It should be kept in dry cool place below 35⁰ C. Protect from direct sunlight.

HEALTH & SAFETY PRECAUTIONS

During use avoid contact with skin and eyes. Suitable gloves, eye protection must be used. In case of contact with skin or eyes, it shall be immediately washed with fresh water.

Important Note:

RADIANT Construction Technologies manufactures wide range of construction chemicals, including admixtures, concrete repairing mortars, curing compounds, adhesives, concrete protection coatings, waterproof coatings, grouts & Tile Bond.

Separate Technical Data Sheets are available for these products.

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