

EUNICOTE AC14 (S)

Silan/Siloxan Sealer



Product Description

EUNICOTE AC14 (S) is a solvent based silane/siloxane resin solution used for sealing waterproofing and external protection of concrete, limestone and brickwork, natural stone, precast elements, GRC panels, etc. It is manufactured under controlled conditions and complies with the requirements of BS 3826.

Uses

EUNICOTE AC14 (S) is applied to exterior concrete or masonry surfaces to increase water repellency and improve self-cleaning characteristics, suitably prepared soft stone can also be treated, since breathing properties are unaffected.

Advantages

- Colorless, ready to use siloxane resin solution.
- Allows moisture vapor transmission.
- Treatment of old or new concrete produces water repellent and self-cleaning properties.
- Reduces unsightly efflorescence.
- Salt ingress is limited and its aggressive action is reduced.
- Excellent depth of penetration.
- High alkali resistance.
- Application to slightly damp substrate is possible.
- Designed to achieve excellent penetration into dense, low, porosity surfaces.

Typical Properties

Appearance: Clear, colorless.

Specific Gravity: mobile liquid

Flash Point: 50°C (Abel closed cup)

Application

Coverage: 5-7m²/liter per coat

Cure Time: 24 hours, typical Comparative ISAT

results on porous 6:1 mortar cubes shows the surface water repellency of samples treated with 1 coat of EUNICOTE AC14 (S), at a rate of 5m²/liter.

Initial surface absorption ml/m²/second.

Mix	10 min	30 min	60 min
Control	1.17	0.770	0.460
Treated Cube	0.030	0.025	0.020

Stain Resistance: Excellent

Cure time per coat: 24 hours.

Expected Wear: up to 15 years.

Method of Use

Surface Preparation: All surfaces must be clean and sound, free from oil; grease, paint, or other contaminants. Dry surfaces will give best results, although small amounts of surface moisture can be tolerated. Joints in brickwork should be reinstated with sand/cement pointing mortar if unsound. Soft porous calcareous substrate such as limestone requires sealing with a suitable silicate, such as DPH.

Application

Apply EUNICOTE AC14 (S) by brush or spray avoiding dripping or running. Porous substrates may be coated at the higher application rate of 6m²/liter per coat, allowing 24 hours between coats; Two coats of EUNICOTE AC14 (S) at a coverage rate of 5m²/liter per coat are required for full waterproof protection of concrete. EUNICOTE AC14 (S) can be applied to protect cement renders and decorative paint coats.

Handling

EUNICOTE AC14 (S) is a flammable liquid and during its application smoking must be prohibited and care taken to protect against sources of ignition.

Storage

Stored in unopened drums.

Shelf life: 12 months if stored properly as per above.

Packaging

EUNICOTE AC14 (S) is supplied in 210 liters drums or 20-25 liters pales or gallons.

Technical Service

The Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

Contact Information

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