

EUNICURE CUREX

WATER-BASED PARAFFIN DISPERSION CONCRETE CURING COMPOUND

DESCRIPTION

EUNICURE CUREX is a water-based paraffin dispersion concrete curing compound, carefully formulated from materials derived from wax resin. Our manufacturing process is conducted under strict control measures to ensure consistent product quality. Moreover, its miscibility with water simplifies application and enhances safety during use.

USES

EUNICURE CUREX is a concrete curing membrane designed to prevent water evaporation from concrete. Furthermore, its compatibility with water streamlines application and bolsters safety during usage.

EUNICURE CUREX is provided as a white liquid, which, when applied to concrete surfaces, forms a wet white film. This film subsequently dries to create a transparent coating. Its primary purpose is to ensure uniform hydration, enhance strength, improve abrasion resistance, and prevent plastic shrinkage in concrete.

ADVANTAGES

- Suitable for both vertical and horizontal applications
- Promotes a harder, dust-free surface
- Minimizes potential surface cracking and shrinkage
- Does not cause any damage or impairment to the properties of the concrete when used as recommended
- Straightforward and simple application and spraying process
- Equipment used for spraying and application can be easily cleaned
- Spillages can be easily washed away

STANDARD

EUNICURE CUREX complies with ASTM C309 Type I, Class A standards.

TYPICAL PROPERTIES

Appearance	White, Milky Liquid
Specific Gravity (@20°C)	1.00 g/cm ³ ± 0.02
Freezing Point	0°C
Drying Time	45 min @20°C
Application Temperature	5°C - 35°C

APPLICATION

Application Conditions: Temperature should be between 5°C and 35°C

METHOD OF USE

EUNICURE CUREX is supplied in a ready-to-use form and should not be diluted with water before application. It is recommended to spray the product onto all exposed “green” concrete surfaces as soon as possible to ensure the surface water evaporated (Full Cure). Do not apply EUNICURE CUREX if bleed water is forming, or is present on the concrete surface.

As EUNICURE CUREX is an emulsion-based material that is soluble in water, it is important to follow normal industrial hygiene procedures when handling it. Wearing gloves and eye protection is recommended. When spraying, it is advisable to use a suitable mask to prevent inhalation of droplets.

Avoid applying EUNICURE CUREX to concrete that has started to dry out, as it may impair the degradation system. If applying under these circumstances, it is suggested to dampen the surface of the concrete using a fine water spray before application.

Do not apply EUNICURE CUREX while there is free-standing water on the concrete surface.

During application, EUNICURE CUREX appears as a white, milky liquid, providing a visual guide for complete and even coverage. As it dries, it gradually becomes transparent, forming a colorless membrane.

After spraying, all equipment used should be cleaned with water immediately, paying particular attention to thoroughly cleaning spray jets and moving parts. If equipment remains unused for a period of time, solvent may be required for cleaning.

Any remaining membrane film on the concrete surfaces should be removed before applying subsequent screeds or coatings by using high pressure steam, water jetting or light sand blasting.

The applied film should be protected from rain for at least 3 hours; care should be taken to ensure that the film is not broken.

In the case of formed concrete, EUNICURE CUREX should be applied immediately after de-shuttering. In such cases, the concrete surface must be dampened with clean water prior to the application of EUNICURE CUREX.

COVERAGE

The coverage of EUNICURE CUREX is approximately (5.5 m²/L). In some situations, sufficient curing can be achieved with a higher coverage rate. However, it is crucial to avoid applying the coating too thickly.

PACKAGING

EUNICURE CUREX is supplied in 25 liter gallons and 200 liter drums.

STORAGE

EUNICURE CUREX should be stored away from frost and sources of ignition.

The shelf life of EUNICURE CUREX is 12 months from the date of production.

HEALTH AND SAFETY

For more information, please check the Material Safety Data Sheet.

CONTACT

For information regarding the licensee or manufacturer for ECA, please contact us at

techsupport@alfaihaengineering.com.

DISCLAIMER

ECA aims to ensure the accuracy of information and recommendations in the product literature. However, due to variations in materials, substrates, and site conditions, and without control over product application, storage, weather, and usage conditions, ECA cannot be held liable for any resulting issues.