

Concrete Curing Membrane

Guardian CURE-SW is a ready to use water based curing compound used to prevent water evaporation from the concrete surface. Applied to fresh concrete surfaces **Guardian CURE-SW** forms a continuous film providing a barrier to premature water loss ensuring effective hydration of the cement and no shrinkage cracks.

Guardian CURE-SW complies with AASHTO M148 Type 2, ASTM C 309 Type 1 Class A, ASTM C309 Type 2 Class A pigmented version, BS 7542, BS 8110 Part 1 Class 6.6.3 (C).

USES & ADVANTAGES

Guardian CURE-SW is used to prevent premature water loss particularly on large exposed concrete surfaces e.g. highways, runways, aprons, precast concrete, decks, hardstands etc.

Advantages include:-

- Protects concrete surfaces against sun, wind and rain.
- Solvent free, no noxious fumes.
- Single coat and easy application.
- Reduces incidence of plastic or shrinkage cracking.
- Ensures required strengths reached.
- No need for other costly curing methods.
- Labour saving.

PROPERTIES

Appearance:	White liquid
Specific Gravity:	Approx. 1.02 kg/litre

APPLICATION

Guardian CURE-SW is ready to use and should not be diluted.

Guardian CURE-SW should generally be used where coatings or mortar renders will not be applied. Ideally it should be applied as soon as the form-work is removed or as soon as the free surface water has disappeared from the horizontal surfaces. Do not apply to concrete that still has bleed water on its surface. **Guardian CURE-SW** provides a visual guide when initially applied being a white liquid on drying it forms a clear membrane.

Guardian CURE-SW can be applied by various spraying equipment i.e. knapsack or motorised sprayer.

Note: **Guardian CURE-SW** film should be removed prior to application of screeds or coatings.

COVERAGE RATES

Up to 5.5 m² per litre.

PACKAGING

200 litre steel drums, 1,000 litre bulks.

STORAGE & SHELF LIFE

Guardian CURE-SW should be stored in its original unopened packaging in a cool area.

It should not be in direct sun light or be exposed to naked flame or frost.

The shelf life is 9 months in original sealed containers.

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HEALTH & SAFETY

Guardian CURE-SW is a water based emulsion of non-hazardous materials. Normal hygiene precautions should be taken when using **Guardian CURE-SW**. In case of eye or skin contact thoroughly irrigate with water. If irritation persists seek medical advice.

TECHNICAL SERVICE

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

QUALITY ASSURANCE (OEM)

ISO 9001 : 2015 verified by TUV Nord.

ISO 14001 : 2015 verified by Lloyd's Register International.

DISCLAIMER

Performance data is achieved testing in accordance with International Standards. Testing by others may result in different results from those published as a result of external factors such as poor sampling, incorrect mixing, varying temperatures, curing, crushing procedures etc.

Guardian does not take responsibility nor need to defend others testing that does not achieve the published data.

The user must test the products suitability for the intended application and purpose. Guardian reserves the right to change the properties of the product.

Site conditions and differences in materials are such that no warranty or fitness for a particular purpose, nor liability can be inferred from the published data sheet, written recommendations or from other advice offered