

eco-cure SL

Water Based Curing Membrane for Concrete

Description eco-cure SL is an aqueous solution of metal silicates which, when applied to fresh concrete, forms a micro-crystalline seal in the pores. Sufficient moisture is retained once the seal is formed in order to assist full hydration of the cement.

Unlike resin-based curing membranes that degrade on concrete surfaces, Logco eco-cure SL becomes an integral part of the surface.

Although porosity of the concrete is slightly reduced numerous trials carried out on both cast and trowelled surfaces with a large number of coatings, membranes and treatments indicate no loss of adhesion. However, since various factors influence the adhesion of any material to a surfaces, site trials are recommended to demonstrate compatibility of the proposed system.

Advantages

- Water-based. Ideal for in area having poor ventilation
- Non-staining, non-toxic, non-flammable—ideal for water retaining structures
- Aids concrete to attain maximum hydration strength, durability and hardness
- Extremely economical and easily applied using Logco spray equipment
- Available with a fugitive non-staining dye to assist application, at additional cost, if required

Application

- On vertical surfaces immediately after stripping formwork, thoroughly dampen the surface with clean water before spraying eco-cure SL
- On horizontal surface—ensure no free water is present on the surface before spraying
- Clean all equipment with water to ensure eco-cure SL does not come into contact with glass or paintwork

Technical Data	Curing Efficiency	75% (Unmeasured)
	Appearance	Water white liquid
	Specific Gravity @ 15.6c	1.2
	Flash Point (PMCC)	Non-Flammable
	Freezing Point	-5c
	Average Coverage	5.5—6.6m ² per Ltr (approximate)
	Shelf Life (sealed container)	Indefinite

Health & Safety When working with eco-cure SL suitable protective clothing, eye/face protection and gloves should be worn.

For further health and safety information, please refer to the relevant Safety Data Sheet

Packaging eco-cure SL is available in 5, 20 and 200 Litre Containers. IBC's available on request.

Storage eco-cure SL should be stored under dry, frost-free conditions away from direct sunlight, under such conditions the shelf life is at least twelve months.

Limitations eco-cure SL is a curing aid, however under conditions of excessive heat and/or a drying wind it is recommended that horizontal surfaces be covered with a polythene sheet for the first few hours of drying.

eco-cure SL must not be used prior to power floating.

Important Note Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the responsibility of the customer to satisfy himself that each product is fit for the purpose for which he intends to use it, that the actual conditions of use are suitable, and that in the light of our continual research and development programme the information relating to each product has not been superseded.