

logco-cure R90A

Aluminised High Efficiency Curing Membrane for Concrete

Description logco-cure R90A is formulated with solvents and inert hydrocarbons and is designed to provide a fast drying, flexible, tough and impervious membrane that protects the concrete surface from rapid water evaporation during the initial curing stages. It incorporates an aluminium pigment for situations where light reflectance is required to ensure the temperature of the concrete is kept to a minimum.

logco-cure R90A has a water retention efficiency in excess of 94% when tested in accordance with Clause 1032 of the DTp Specification for Road Pavements—Concrete and Cement—Bound Materials.

- Advantages**
- Aluminium pigmented to keep temperature of concrete to a minimum.
 - Greatly reduced surface shrinkage, cracking and crazing.
 - One coat spray application.
 - No waiting, apply as soon as practical after concrete placement.
 - Reduced labour costs: covering the concrete with wet Hessian and/or polythene is unnecessary
 - Assists in attaining maximum hydration, strength and surface hardness
 - The action of ultra-violet light, weathering and abrasion ensure that the resin film disintegrates from the concrete surface over time
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- Application**
- On vertical surfaces immediately after stripping formwork, thoroughly dampen the surface with clean water before spraying logco-cure R90A
 - On horizontal surface—ensure no free water is present on the surface before spraying
 - Clean all equipment immediately after use with proprietary solvent based cleaner.
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Technical Data	Curing Efficiency	90%
	Appearance	Pale amber liquid
	Specific Gravity @ 15.6c	0.87
	Flash Point (PMCC)	40°C
	Viscosity cSt @ 40°C	4.2
	Average Coverage	5m ² per Litre (approx)
	Shelf Life (sealed container)	Minimum 12 months

Health & Safety When working with Logco logco-cure R90A 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 logco-cure R90A is available in 25 and 200 Litre Containers

Storage logco-cure R90A should be stored under dry, frost-free conditions away from direct sunlight, under such conditions the shelf life is at least twelve months.

Limitations logco-cure R90A treated surfaces are not suitable for screeding, rendering, painting or application of sealants unless the surface membrane has been removed

Certification

- When tested in accordance with BS7542 `Method of tests for Curing Compounds for Concrete` ; a coverage rate of 5m²/litre achieves a curing efficiency of greater than 90%.
- When tested in accordance with Clause 1027, Specification for Highways 1991 (BS 7542 1992) at a coverage rate of 5m²/litre it has an efficiency of greater than 90%.
- Complies with the requirements of ASTM C309-91 Type 1 Class B—this requires a maximum water loss of 0.4 g/cm³.
- When tested in accordance with ASTM C156-93, at a coverage rate of 5m²/litre, restricts the water loss to not more than 0.55kg /m² of surface area in 72 hours.
- Under the Water Regulations Advisory Scheme logco-cure R90A is suitable for use on concrete in direct contact with potable water.

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.