

OSCRETE 90

High Efficiency Curing Membrane

Description

Oscure 90 is formulated with solvents and inert hydrocarbons and is designed to provide a fast drying, flexible, tough and impervious high efficiency membrane that protects the concrete surface from rapid water evaporation during the initial curing stages.

Oscure 90 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.

Applications

Oscure 90 can be used on both vertical and horizontal surfaces.

Benefits

- Greatly reduced surface shrinkage and cracking
- One coat spray application
- No waiting, apply straight after concrete placement
- Reduced labour costs
- Assists in attaining maximum hydration
- The film disintegrates over time

Properties

Nature	Liquid
Colour	Pale Amber
Specific Gravity	0.87g/cm ³
Flash Point	40.0°C
Viscosity	4.2 cSt
Efficiency	>90%

Coverage Rate

1 litre of Oscure 90 will cover 5.0m² (approx):

Standards

Oscure 90 is produced in accordance with the ISO 9001 Quality Management Standard.

Limitations

Surfaces treated with **Oscure 90** are not suitable for screeding, rendering, painting or application of sealants unless the surface membrane has been completely removed.



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Storage

Oscure 90 should be stored undercover and protected from extreme temperatures, if stored unopened within the range 5°C and 30°C the product will have a minimum shelf life of 12 months.

Handling

Please refer to the **Oscure 90** Material Safety Data Sheet but in line with normal handling procedures, personal protective equipment should be worn.

Cleaning

Clean all equipment immediately after use with a propriety solvent based cleaner.

Packaging

25 litre drums and 1000 litre IBCs.

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 **Oscure 90** is suitable for use on concrete in direct contact with potable water.

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Disclaimer

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.