

PRODUCT:

SURFACE CURE SR-30

HYDROCARBON RESIN SOLUTION CURING COMPOUND

DESCRIPTION:

SURFACE CURE SR-30 consists of a C₅ hydrocarbon resin and modifying agents in hydrocarbon solvents to give a stable, transparent, quick drying, mobile liquid. SURFACE CURE SR-30 is xylene & toluene free reducing the exposure to harmful aromatic solvents. SURFACE CURE SR-30 cures, seals and hardens the surface of new concrete, providing increased strength and durability and improved resistance to chemicals and surface dusting.

USE:

Mainly used on freshly laid concrete floors, carparks, warehouses, bridge ramparts etc. Also used for curing vertical concrete areas immediately after the stripping of forms to assist strength development, improve chemical resistance, etc.

ADVANTAGES OF USE:

- Rapid film formation
- Enables concrete to hydrate more efficiently
- Eliminates the need for damp hessian, sand or polythene
- Water resistant film formed
- Increases concrete strength and dusting resistance
- Reduces surface shrinkage and cracking
- Odourless when dry

STANDARDS COMPLIANCE

SURFACE CURE SR-30 designed to conform to AS3799-1998.

DESIGN & SPECIFICATION DETAIL

The coating should be applied in a single coat to achieve a total dry film thickness of not less than 35 microns. To achieve the correct curing properties, SURFACE CURE SR-30 must be applied on to the substrate at the coverage rates recommended.

CONCRETE CURING COMPOUND

All designated areas are to have a liquid curing compound applied to the freshly finished concrete. The curing compound will be based on C₅ hydrocarbon resin, comply with AS3799 and have a volume solids content of not less than 30%. Such a material is SURFACE CURE SR-30 as supplied by Chemical House. The curing compound is to be applied in accordance with the manufacturers application instructions.

DIRECTIONS FOR USE :

SURFACE CURE SR-30 should be evenly sprayed over the freshly laid concrete as soon as possible after final trowelling. Ideally SURFACE CURE SR-30 should be applied as soon as the surface bleed water has evaporated.

LIMITATIONS:

Certain adhesives for vinyl tiles, or other types of resilient flooring, and paints of an approved grade may be applied to concrete coated with SURFACE CURE SR-30. It is important however that the concrete should be thoroughly cured prior to such application, and that a test area has been completed for approval. Cement based renders and toppings should not be applied over SURFACE CURE SR-30. First remove the SURFACE CURE SR-30 by stripping with STRIPSEAL, EASI-ORANGE or sand blasting or scabbling to provide a mechanical key. The life of SURFACE CURE SR-30 will depend on the weather exposure conditions to which it has been subjected; the coating is designed to break down with weathering. Continual exposure to UV light and weather of at least 12 weeks is suggested to facilitate this process. The bond of SURFACE CURE SR-30 is likely to fail if the product is applied to concrete or masonry substrates subject to back water pressure, and/or where extraneous salt particles are carried from the substrate to the interface by vapour or condensation.

A clear appearance with slight yellow cast is obtained. SURFACE CURE SR-30 will oxidize and breakdown when subject to ultra-violet radiation from sunlight.

COVERAGE:

5 m² per litre

CLEAN UP:

SURFACE CURE SR-30 should be removed from tools and equipment with Solvent 100 or StripSeal a formulated stripper from Chemical House.

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STORAGE:

This is a Class 3 Dangerous Good (Australain Dangerous Goods Code 7th Edition) and should be stored in a manner to comply with AS1940.

Store in cool, dry conditions, away from sources of heat and naked flames, in original, unopened packs.

If stored at high temperatures and/or high humidity conditions the shelf life may be reduced.

PACKS:

20L, 200L, 1000L

DISCLAIMER:

This Product Data Sheet (PDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Chemical House does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

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