



## SURFACE CURE CR

### DESCRIPTION

SURFACE CURE CR consists of a processed blend of chlorinated rubber and modifying agents in hydrocarbon solvents to give a stable, transparent, quick drying, mobile liquid.

SURFACE CURE CR is xylene & toluene free reducing the exposure to harmful aromatic solvents.

SURFACE CURE CR 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

- Enables concrete to hydrate more efficiently
- Increases concrete strength and dusting resistance
- Eliminates the need for damp hessian, sand, or polythene
- Rapid film formation
- Odourless when dry
- Improved chemical resistance \*
- Facilitates job clean up and maintenance of the coated surface

### STANDARDS COMPLIANCE SURFACE CURE CR conforms to AS3799.

Test certificates are available on request.

### 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 CR 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 chlorinated rubber, comply with AS3799, and have a volume solids content of not less than 17.5%.

Such a material is SURFACE CURE CR as supplied by Chemical House. The curing compound is to be applied in accordance with the manufacturer's application instructions.

### DIRECTIONS

SURFACE CURE CR should be evenly sprayed over the freshly laid concrete as soon as possible after final troweling.

Ideally SURFACE CURE CR 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 CR.

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 CR.

First remove the SURFACE CURE CR by sand blasting or scabbling to provide a mechanical key.

## CHEMICAL HOUSE

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## SURFACE CURE CR

The life of SURFACE CURE CR will depend on traffic conditions to which it has been subjected; therefore, apply reviving coats as required.

The bond of SURFACE CURE CR 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.

\* Chemicals to which SURFACE CURE CR is not resistant include oxidising agents, such as sodium hypochlorite, bromine water and sulphur dioxide.

SURFACE CURE CR is also not resistant to concentrated acetic acid, concentrated phosphoric acid, concentrated nitric acid, chromic acid, concentrated ammonia, animal fats and oils, synthetic oils such as brake fluid and some transmission fluids, vegetable oils and higher fatty acids such as oleic acid plus the following solvent types: aromatic hydrocarbons, esters, ketones, and chlorinated solvents.

A clear appearance with slight yellow cast is obtained.

SURFACE CURE CR will yellow when subject to ultra-violet radiation from sunlight.

### COVERAGE

5 m<sup>2</sup> per litre

### CLEAN UP

SURFACE CURE CR should be removed from tools and equipment with Solvent 100 or Strip Seal a formulated stripper from Chemical House.

### STORAGE

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

### SURFACE CURE CR - PDS MAY 2021

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 in accordance with any advice, specification, recommendation, or information given by it.

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