



## SURFACE CURE W30

### WAX EMULSION CURING COMPOUND (Type 1-D, Class A)

Wax based curing compound conforming to AS 3799

#### DESCRIPTION

SURFACE CURE W-30 is a low viscosity wax emulsion curing compound which consists of a processed blend of paraffin waxes.

When applied at the recommended application rate Surface Cure W-30 minimizes moisture loss in freshly laid concrete thus improving the curing of the concrete providing increased strength and durability and improved resistance to surface dusting.

SURFACE CURE W-30 has fast film forming properties which react with the cementitious surface forming an impervious vapour and liquid membrane.

#### USE

Surface Cure W-30 provides a spray-on membrane to retain moisture in concrete for effective curing.

Used for concreting generally but especially useful for large areas of concrete construction such as runways, motorways or bridgeworks.

#### ADVANTAGES OF USE

- ✓ Reduces surface shrinkage and cracking by eliminating moisture loss from exposed surfaces
- ✓ Increases concrete strength and dusting resistance
- ✓ Eliminates the need for damp hessian, sand, or polythene
- ✓ Rapid film formation
- ✓ Enables concrete to hydrate more efficiently
- ✓ Non-flammable; non-toxic
- ✓ Low VOC's
- ✓ Meets Green Star Rating
- ✓ Economical

#### STANDARDS COMPLIANCE

Surface Cure W-30 complies with the requirements of AS3799 liquid membrane - forming curing compounds for concrete.

A copy of the certification is available on request.

Surface Cure W-30 conforms to R.T.A. specification 3202, R82, R83,R84. & is listed on QDMR as an approved product.

SURFACE CURE W-30 is also available in pigmented variants of white, SURFACE CURE W-30-WHITE and SURFACE CURE W-30-HCR-WHITE (Type 2- Class B) & black (Type 3- Class B), all conform with AS 3799.

SURFACE CURE W-30-HCR-WHITE conforms with QDMR Spec

Test certificates are available on request.

These products are usually specified when temperature conditions dictate viz. during the period November- April (white) and winter for black, to assist in the optimizing of temperature conditions for concrete curing.

#### DESIGN & SPECIFICATION DETAIL

The coating should be applied in a single coat to achieve a total dry film thickness of not less than 60 microns.

To achieve the correct curing properties, SURFACE CURE W-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 a hydrocarbon resin emulsion, complying with AS3799 and have a volume solids content of not less than 30%.

Such a material is SURFACE CURE W-30 as supplied by Chemical House.

The curing compound is to be applied in accordance with the manufacturer's application instructions.

### CHEMICAL HOUSE

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## SURFACE CURE W30

### DIRECTIONS FOR USE

SURFACE CURE W-30 should be evenly sprayed over the freshly laid concrete as soon as possible after final troweling.

Ideally SURFACE CURE W-30 should be applied as soon as the surface bleed water has evaporated.

### LIMITATIONS

Substrates coated with SURFACE CURE W-30 will not accept after trades or additional coatings except when a debonding layer is specified.

Cement based renders and toppings should not be applied over these treated surfaces without extensive removal procedures, viz., removal of SURFACE CURE W-30 by stripping with STRIPSEAL, EASI-ORANGE or sand blasting or scabbling to provide a mechanical key, but as the wax component has good penetrative abilities these procedures are risky.

Rule of thumb is not to attempt the procedure.

### COVERAGE

5 m2 per litre

### CLEAN UP

SURFACE CURE W-30 should be removed from tools and equipment with water if still wet and Solvent 100 or Strip Seal a formulated stripper from Chemical House, if the dry film has formed.

### 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 W30 - PDS Nov 2020

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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