

# CURECON W30

## WATER DISPERSED CLASS B RESIN CURING COMPOUND COMPLIANCE WITH AS 3799

### DESCRIPTION

Curecon W30 is a Type 1D, Class B, water based resin curing compound used to retain moisture in concrete for effective curing. Used for all concrete but specifically designed for use in mass concrete structures such as roadwork, bridgework and runways. Curecon W30 contains sufficient solids for compliance with NSW RTA specifications.

### ADVANTAGES

- Non-flammable/ non dangerous goods classification
- Non toxic
- Tack free when dry
- Rapid film formation
- Volatile ingredients comply with air pollution requirements of photo-reactive compounds
- Reduces surface shrinkage and cracking by eliminating moisture loss from exposed surfaces.
- Eliminates the need for damp hessian, sand or polythene
- Increases concrete strength and dusting resistance

### DESIGN CRITERIA

The coating should be applied at a coverage rate of 5m<sup>2</sup>/litre. To achieve the correct curing properties and moisture retention according to AS/RTA standards, Curecon W30 must be applied at the above stated coverage rates. Curecon W30 contains a green fugitive dye to ensure a uniform application is achieved. Curecon W dries as a clear film on the surface.

### PROPERTIES

Application equipment	low pressure spray (preferred) or soft 10-15 mm nap roller
Thinning	Nil - use as supplied
Coverage	5m <sup>2</sup> /litre using a spray applicator-do not brush
Clean-up	Water when wet. Kerosene, fuel or solvent525 (allows re-emulsification with water) when dry
Drying time on concrete	1 - 3 hours at 25°C 50% RH
Colour	Light green milky liquid
Viscosity	>0.050Pa.s
Specific Gravity	0.95-1.0
Flash point	Not Applicable

### COMPATIBILITY

Curecon W30 will darken slightly with age and UV exposure. In time the coating will degrade, allowing the unhindered application of other toppings/treatments. Curecon W30 is compatible with many hydrocarbon solvent-based primers and is suitable for use on concrete roads which will be subject to line marking. However compatibility tests should be undertaken and confirmed by testing in each and every case.

### APPLICATION

Use Curecon W30 as supplied – do not dilute. Curecon W30 should be evenly sprayed onto the surface over the freshly laid concrete as soon as possible after final trowelling. Ideally Curecon W should be applied as soon as the surface bleed water has evaporated.

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### APPLICATION (cont)

In all cases Curecon W30 should be applied at a coverage rate not less than 5m<sup>2</sup> per litre.

### STORAGE

Not classed as hazardous by ATDG code. Store in a cool place. Do not freeze.

### SAFETY

When applying always use suitable cartridge masks, avoid skin and eye contact.

Refer to material Safety Data Sheet for detailed information.

### PACKAGING

20L, 200L, 1000L plastic drums/tanks. Also available in bulk supply.

### NOTE

Material safety data sheets for these and all Aftex products are available on request. Read the MSDS and product label carefully before using.

### ALLIED PRODUCTS

Aftex manufactures a broad range of construction products including.

Grouts

Coatings

Admixtures

Adhesives

Sealants

Floor Toppings

Floor Levelling Compounds

Concrete Repair

Concrete Treatment

*The representations and recommendations regarding this product are based on tests which ITLS-TWA Australia believes to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Therefore this product is sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will ITLS - TWA Australia Pty Ltd be liable to anyone except for replacement of the product or refund of the purchase price*



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