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 $5m^2$/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	$5m^2$/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.

CURECON W30

APPLICATION (cont)

In all cases Curecon W30 should be applied at a coverage rate not less than $5m^2$ 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 Aftek products are available on request. Read the MSDS and product label carefully before using.

ALLIED PRODUCTS

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Coatings

Admixtures

Adhesives

Sealants

Floor Toppings

Floor Levelling Compounds

Concrete Repair

Concrete Treatment

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