

CURECON W

WATER DISPERSED RESIN CURING COMPOUND
COMPLIANCE: AS3799/RTA3203

DESCRIPTION

Curecon w is a 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.

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 5m²/litre. To achieve the correct curing properties and moisture retention according to AS/RTA standards, Curecon W must be applied at the above stated coverage rates. Curecon W contains a green fugitive dye to ensure a uniform application is achieved. Curecon W dries as a clear film on the surface.

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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 | ½-1 hour 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 W will darken slightly with age and UV exposure. In time the coating will degrade, allowing the unhindered application of other toppings/treatments. Curecon W 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

Curecon W 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 W should be applied at a coverage rate not greater than 5m² 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.

Revision Date

November 2003

NOTE

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

All reasonable care is taken in the compilation of this data sheet. All recommendations regarding use are made without guarantee as the conditions of use are beyond the control of the manufacturer.

ALLIED PRODUCTS

Aftek manufactures a broad range of construction products including.

Grouts

Coatings

Admixtures

Adhesives

Sealants

Floor Toppings

Floor Levelling Compounds

Concrete Repair

Concrete Treatment