

CURECON PW SMARTWAX

**FAST DRYING, SHOWER RESISTANT WATER BASED
WAX CURING COMPOUND
COMPLIANCE: AS3799/RTA3203**

DESCRIPTION

Curecon PW is a water based wax 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 toxic
- Rapid film formation
- Shower resistant
- Reduces surface shrinkage and cracking by eliminating moisture loss from exposed surfaces
- Eliminates the need for sand, damp hessian 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 PW must be applied at the above stated coverage rates. Curecon PW contains a pink fugitive dye to ensure uniform application is achieved. Curecon PW dries to a clear film on the surface.

PROPERTIES

Application equipment	low pressure spray (preferred) or soft 10-15mm nap roller
Thinning	nil—use as supplied
Coverage	5m ² /litre (0.2litres/m ²) using a spray applicator-do not brush
Clean up	Water when wet. Kerosene, fuel or Solvent 525 (allows re-emulsification with water) when dry
Drying time on concrete	Approximately 15-20 minutes at 25°C.

After this time Curecon PW will be shower resistant, and will resist re-emulsification and consequential removal. This feature will help diminish the potential for wash away by rain within 30 minutes of application

Colour	Light pink milky liquid
Viscosity	>0.050Pa.s
Specific Gravity	0.95-1.0
Flash point	Not Applicable

COMPATIBILITY

Curecon PW will darken slightly with age and UV exposure Curecon PW is not compatible with many hydrocarbon solvent based primers and is **NOT** suitable for use on concrete roads which will be subject to line marking.

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COMPATIBILITY (cont)

Compatibility tests should be undertaken and confirmed by testing in each and every case.

APPLICATION

Curecon PW should be evenly sprayed onto the surface over the freshly laid concrete as soon as possible after final trowelling. Ideally Curecon PW should be applied as soon as the surface bleed water has evaporated. In all cases Curecon PW should be applied at a coverage rate not greater than 5m² per litre

STORAGE

Not classed as hazardous by ATDG Code. However store in a cool dry 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.

ENVIRONMENTAL IMPACT

Curecon PW contains surfactant systems classed as “**READILY BIODEGRADABLE**” complying with AS4351

PACKAGING

20LT, 200LT and 1000lt plastic drums and 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