

CURECON A

ACRYLIC WATER BASED MEMBRANE CURING COMPOUND

COMPLIANCE: AS 3799

DESCRIPTION

CURECON A acrylic water based curing compound is a Class D, Type 1 curing compound for use on new concrete that facilitates maximum moisture retention through the curing period to maximise concrete strength & durability.

CURECON A, when applied by the correct method and at the recommended application rate, leaves a dried film, which is not particularly obvious. This film has minimal darkening on exposure to sunlight.

CURECON A is based on an acrylic resin combined with other additives.

ADVANTAGES

- Compatible with most after trades
- Environmentally acceptable.
- No ventilation requirement.
- No stringent safety requirements.
- Efficient curing of the concrete assists the development of strength, abrasion resistance and durability.
- Reduces the likelihood of cracking or dusting at the surface.
- Easy to use, eliminates messy water curing or polythene film.
- Low odour.

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 A must be applied at the above stated coverage rates. Curecon A does not contain a fugitive dye so care must be taken to ensure a uniform application is achieved. Curecon A dries as a clear film on the surface.

MARKETING SERVICES

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PROPERTIES

Colour	Milky Fluid
Viscosity	>0.050Pa.
Specific Gravity	0.95-1.0
Flash Point	Not Applicable
Drying Time	Approximately 1½ -2hours at 25°C.

After this time the CURECON A will be shower resistant, and will resist re-emulsification and consequential removal.

Coverage	5m ² /L (0.2litres/m ²) using a spray applicator – do not brush
Application Equipment	Low pressure spray (preferred) or soft 10-15mm nap roller.
Thinning	Nil – use as supplied
Clean Up	Water when wet. Xylene, or Solvent 525 (allows re-emulsification with water) when dry.

COMPATIBILITY

CURECON A will not darken with age and UV exposure and is designed to allow the unhindered application of other toppings/ treatments. CURECON A is compatible with many primers and is suitable for use on concrete structures. Compatibility tests should be undertaken and confirmed by testing in each and every case.

STANDARDS COMPLIANCE

Curecon A complies with Australian Standard AS 3799. Copies of the test certificate are available on request.

APPLICATION

Mix prior to use. Ensure CURECON A is homogeneous.

Curecon A should be evenly sprayed onto the

CURECON A

APPLICATION (CONT)

surface over the freshly laid concrete as soon as possible after final trowelling. Ideally Curecon A should be applied as soon as the surface bleed water has evaporated.

In all cases Curecon A should be applied at a coverage rate not greater than 5m² per litre.

Note: CURECON A does not contain fugitive dye. Care should be taken to ensure CURECON A is applied in an even film over the entire surface area of the concrete.

STORAGE

Not classed as hazardous by ATDG Code. However store in a cool dry place. Do NOT freeze.

SHELF LIFE

CURECON A has a shelf life of approximately 12 months if stored in its original sealed container at moderate temperatures.

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 A contains surfactant systems classed as "Readily Biodegradable" complying with AS4351.

PACKAGING

20L, 200L, 1000L plastic drums/tanks

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