

# CURECON A

## WATER BASED, ACRYLIC MEMBRANE CURING COMPOUND

### 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 does not normally darken on exposure to sunlight. CURECON A is based on an acrylic resin combined with other additives.

Curecon A is certified to comply with Australian Standard AS 3799.

### ADVANTAGES

- Efficient curing of the concrete assists the development of strength, abrasion resistance and durability.
- Reduces the likelihood of cracking or dusting at the surface.
- Compatible with most after trades
- Easy to use, eliminates messy water curing or polythene film.
- Complies with Green Star – Office Design V3 IEQ-13.
- No ventilation requirement.
- No stringent safety requirements.
- Low odour.

### 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 Australian 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.

TYPICAL PROPERTIES	
Colour	Milky Fluid
Viscosity	>0.050Pa.
Specific Gravity	0.95-1.0

### TYPICAL PROPERTIES

Drying Time	Approximately 1½ - 2hours at 25°C.
Flash Point	Not Applicable
Coverage	5m <sup>2</sup> /L (0.2litres/m <sup>2</sup> ) 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 most cementitious toppings/ treatments, most commonly used flooring adhesives and most line marking paints.

CURECON A is compatible with many primers used in association with these products. However, compatibility tests should be undertaken and confirmed by testing in each and every case.

### APPLICATION INSTRUCTIONS

Mix thoroughly prior to use. Ensure CURECON A is homogeneous.

Curecon A should be evenly sprayed onto the 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 less than 5m<sup>2</sup> per litre.

Aliphatic alcohol preparations used in the finishing process of the concrete surface will not interfere with the drying or bond characteristics of Curecon A.

**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.

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## CLEAN UP

Tools and equipment can be cleaned with water while Curecon A is wet.

Dried Curecon A can be removed using propriety paint strippers, Solvent 525 or by mechanical means.

## ESTIMATING

Curecon A is applied at the rate of 5m<sup>2</sup> per litre (0.2 litres per m<sup>2</sup>). Note that surface texture of the finished concrete can affect the apparent coverage rate of the applied coating of Curecon W.

Curecon A is supplied in 20 litre cubes, 200 litre drums and 1,000 litre IBC containers.

## PRECAUTIONS

Do not dilute Curecon A. Use as supplied

Ensure that Curecon A is thoroughly mixed before application commences. Regular mixing of the material during application is recommended.

Do not allow Curecon A to freeze.

## ENVIRONMENTAL IMPACT

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

## STORAGE

Curecon W should be stored in the original unopened containers in cool, dry conditions. Store away from sources of heat or naked flame. Do not allow Curecon A to freeze.

Curecon A should be used within 12 months of date of manufacture. If the product has been stored for more than 6 months, particular care should be taken to ensure the product is thoroughly mixed before use.

## HEALTH AND SAFETY

Curecon A is non-toxic.

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

Avoid breathing spray mist during application

For more detailed information, please read the SDS for this product.

## TECHNICAL SUPPORT

Aftek offers a comprehensive range of high quality, high performance construction products. In addition, Aftek offers technical support and on-site advice to specifiers, end users and contractors.

## ALLIED PRODUCTS

Aftek manufactures a broad range of construction products including:

Grouts

Coatings

Admixtures

Adhesives

Sealants

Floor Toppings

Floor Levelling Compounds

Concrete Repair

Concrete Curing



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