

# CAC-Curewell WRB

## High efficient, aluminized resin based, water borne concrete curing compound

### Uses

As a spray applied membrane to retain moisture in concrete for effective curing.

Suitable for all general concrete applications and of particular benefit for large area concrete surfaces, such as airport runways, roads and bridgeworks.

### Advantages

- \* Improved curing of concrete enhances cement hydration and provides a more durable concrete
- \* Control of moisture loss improves surface quality, reducing permeability, producing a hard-wearing, dust free surface and minimising potential for surface cracking and shrinkage
- \* Light reflective grades minimise solar temperature gain
- \* Spray application reduces labour costs and eliminates the need for alternative curing systems.
- \* Water borne and environment friendly

### Description

CAC-Curewell WRB concrete curing compound is resin based water borne system which makes continuous film forming curing compound and is supplied in aluminized pigmented.

Aspect : Aluminized liquid

Specific Gravity : 0.980±0.020

When first applied to a fresh cementitious surface the product forms a continuous, non-penetrating coating. This coating dries to a form a continuous film which provides a barrier to moisture loss ensuring more efficient cement hydration, improved durability and reduced shrinkage.

### Technical Support

CAC provides a technical advisory service to the specifiers, end-users and contractors as well as on-site technical assistance in locations all over the country.

### Standards compliance

CAC-Curewell WRB gives 92% or greater curing efficiency when tested as per BS 7542-1992.

### Application instructions

#### Application

Pigmented grades should be stirred before use to ensure even dispersion of pigment.

CAC-Curewell WRB must be spray applied to the surface of fresh concrete. Application should begin as soon as the concrete is free from surface water. Do not apply if bleed water is forming or present on the concrete surface.

The spray nozzle should be held approximately 450mm from the concrete surface and passed back and forth to ensure complete coverage. Pump pressure should be maintained to give an even, fine spray.

After spraying, no further application of water or other material is necessary to ensure continued curing. The concrete surface should not be disturbed until it has sufficient strength to bear surface loads. The applied film should not be walked on before it is fully dry and care should be taken to ensure that the film is not broken.

CAC-Curewell WRB may also be applied to the surface of newly hardened concrete immediately after demoulding. In such cases the concrete surface should be sprayed with water to saturate it prior to the application of CAC-Curewell WRB. Dry surfaces may prevent correct film formation and cause absorption of the CAC-Curewell WRB which may lead to get staining and difficulty in later removal.

#### Coverage rate

The recommended coverage rate is between 5 to 7 m<sup>2</sup>/litre. Coverage rates outside this recommended range may be used if necessary and suitable to meet specific requirements. Contact local CAC office for any advice in such cases.

#### Equipment

Spray equipment producing a fine mist may be used for CAC-Curewell WRB, such as knapsack or motorised sprayers. The suitability of equipment should be ensured by an application trial.

#### Equipment cleaning

Spray equipment should be cleaned immediately after use by flushing throughly with Cleaning Solution.

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## Overcoating and removal

CAC-Curewell WRB need not be removed from a concrete surface before application of a subsequent coating.

## Packaging

CAC-Curewell WRB is supplied in 20 and 200 ltrs containers.

## Storage

CAC-Curewell WRB has a minimum shelf life of 6 months, when stored in the original unopened containers under normal warehouse conditions.

## Precautions

## Health and Safety

CAC-Curewell WRB should not be swallowed or allowed to come into contact with skin and eyes. Avoid inhalation of vapours and ensure adequate ventilation.

Suitable protective gloves and goggles should be worn. Some people are sensitive to resins and pigments. Resin Barrier creams provide additional skin protection.

Should accidental skin contact occur, remove immediately with a resin removing cream followed by washing with soap and water - do not use solvent.

Incase of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

## Fire

CAC-Curewell WRB is non-flammable.

## Cleaning and disposal

Spillages of CAC-Curewell WRB should be absorbed onto sand, earth or vermiculite and transferred to suitable containers.

The disposal of excess of waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority.

### Disclaimer:

The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests and take trials to ensure on suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of the other materials used and on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The Company does not assume any liability or any consequential damage for unsatisfactory results, arising from the use of our products.

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**Concrete Additives & Chemicals Pvt. Ltd.**

Plot No.-W/11, TTC Industrial Area, MIDC,

Pawane, Navi Mumbai-400705.

Tel: +91-22-27682752 / 27670847, Fax: +91-22-27614820

Website: [www.cac-admixtures.com](http://www.cac-admixtures.com)



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