

CAC-Curewell WB (16)

Water based concrete curing compound, white pigmented for solar reflectance

DESCRIPTION:

CAC-Curewell WB (16) is a solvent free, membrane forming wax emulsion, suitable for spray application to freshly poured concrete.

CAC-Curewell WB (16) incorporates a white pigment which at recommended coverage rates gives a daylight reflectance value of 60-80%. This permits a high curing efficiency to be maintained even in conditions of intense ambient light. The resultant film retains sufficient moisture in the concrete to ensure full hydration of the cement; essential for optimum strength development. Membrane cured concrete is typically harder and exhibits a dust free surface with a reduced incidence of drying shrinkage cracks.

PRIMARY USES:

As a more effective and economical alternative to hessian and water and polythene curing regimes. Suitable for use on all concrete surfaces.

Advantages

- Eliminates the need for water
- Single application
- Promotes a harder dust free surface
- Cured film is clear and water repellent
- Reduces drying shrinkage
- High curing efficiency
- Reduced labour costs
- Water based
- Solar reflective

STANDARDS:

ASTM C 309 – Type II Class A

METHOD OF APPLICATION:

The compound should be spray applied as evenly as possible to the freshly placed concrete.

For horizontal surfaces the CAC-Curewell WB (16) should be applied as soon as the initial surface sheen has disappeared from the concrete face. In the case of formed concrete, the CAC-Curewell WB (16) should be applied immediately on removal of the formwork. To assist breakdown of the CAC-Curewell WB (16) film on the vertical and formed surfaces, it is essential to dampen down the concrete with clean water prior to application.

COVERAGE:

The recommended rate of application is 5 square meters per litre. This corresponds to that which CAC-Curewell WB (16) has been tested, and at which it attains the claimed degree of curing efficiency. In favorable conditions such as shaded interior surfaces, adequate curing can be achieved with extended coverage rates.

FILM BREAKDOWN:

The time for deterioration of the membrane is dependent on a number of variables, which include film thickness, degree of exposure to weathering, traffic, UV light, and the porosity of the substrate concrete.

PACKAGING:

CAC-Curewell WB (16) is available in 20 & 210 liter drums.

CAC-Curewell WB (16)

SUBSEQUENT SURFACE FINISHES

It is important that the complete removal of the CAC-Curewell WB (16) should be ensured prior to the application of any surface finish or additional treatment. It is recommended that where the concrete is to receive a coating or the application of tiles, the use of CAC-Curewell RB is considered.

CAC-Curewell RB is a resin based non-degrading curing membrane meeting the requirements of ASTM C-309 Type 1 Class B. It is additionally formulated to act as a primer for many finishes or to seal concrete surfaces and provide a degree of abrasion to flatwork.

TECHNICAL PROPERTIES:

Appearance	White Liquid
Flash Point	Not applicable
Specific Gravity @25°C	1.140 ± 0.010
Finished Film appearance	White solar reflective, tack free, water repellent

STORAGE:

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consults CAC's Technical Services Department.

Shelf life is upto 6 months when stored under cover, out of direct sunlight and protected from extremes of temperature.

SAFETY PRECAUTIONS:

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use. Use in well ventilated areas and avoid inhalation. MSDS is available on demand.

CAC-Curewell WB (16) is a non-toxic and non-flammable. When in contact with the skin, it should be washed with cold water.

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.