

## CURESHIELD

CURESHIELD is free from all solvents, water based concrete curing compound also white pigmented appearance reflects solar rays.

### ADVANTAGES

CURESHIELD incorporate a white pigment which at recommended coverage rates gives a daylight reflectance value of approx. 80-85%. This permits a high curing efficiency to be maintained even in conditions of intense ambient light.

CURESHIELD is a membrane forming wax emulsion, suitable for spray application to freshly poured concrete. 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.

### APPLICATION FEATURES

The compound should be spray applied as evenly as possible to the freshly placed concrete. For horizontal surfaces the CURESHIELD should be applied as soon as the initial surface sheen has disappeared from the concrete face.

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The assist breakdown of the CURESHIELD film on the vertical and formed surfaces, it is essential to dampen down the concrete with clean water prior to application.

### SCOPE OF APPLICATION

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

### STORAGE

Packaging	IBC, 25-50kg cane, 110kg and 150kg Plastic drums
Colour	White
Shelf Life	6-9 months in under shade from the sunlight at a temperature of 5 °c to 30°c.

### CONSUMPTION

The recommended rate of application is 4-6 square meters per liter. This corresponds to that which CURESHIELD 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.

### WARNINGS AND RECOMMENDATIONS

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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.

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

All technical information stated in this product data sheet is based on laboratory tests. Actual values may vary due to circumstances beyond our control,

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### TECHNICAL SPECIFICATIONS AND PERFORMANCE VALUES

Appearance :	White liquid
Film appearance :	White, Tack free, water repellent and solar reflective
Water Retention time :	Pass (ASTM C309)
Sp: Gravity at 25 °c :	(approx. 1)
Drying Time :	3 Hours Pass
pH :	5-7

The specified periods are valid at 20°C surface and ambient temperature, the time is prolonged at low temperature, the time is shortened at high temperature. Green streak is not responsible for application errors that may occur if the product is used outside its purpose or if the application conditions and recommendations specified above are not complied with.

### SAFETY PRECAUTIONS

During use and storage, appropriate work clothes, glasses, gloves and masks should be used for worker health and safety. Eye, mouth and skin contact should be avoided. The contacted area should be washed with plenty of water. In more dangerous situations or if the product is swallowed, a specialist doctor should be consulted immediately. Food and drink should not be allowed into application areas. It should be kept out of reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

### LEGAL WARNING

If this product is used for any purpose other than its intended use, or if the above instructions and conditions are not followed, any problems or damages that occur will be the responsibility of the user. Green streak construction chemicals will not be held responsible in such cases.

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