



**Standard Compliance  
Internationally Recognised  
ASTM C 309-1990**

CCA-99 is a white pigmented emulsion of synthetic resin & wax in viscous condition. After application on green concrete a film is formed with good solar reflectance, reduces surface temperature and prevents the premature water loss by evaporation. It allows full hydration of cement essential for optimum strength developments.

### **Technical View**

Appearance	: Super White paste
pH	: 7 to 8
Solubility	: Water reducible
Water retention	: About 95%
Self life	: 6 Months in the original packing.
Storage	: Keep away from direct sunlight and extreme heat
Coverage	: In general 3.5 sq. m / kg. per mm. layer
Application	: By painting brush / by spatula

### **Method of Application**

to the freshly placed concrete after finishing apply evenly CCA 99 by painting brush or by spatula. About 1mm. thick layer is sufficient for getting desired results. While applying with brush make it brushable with 10% clean water.

While application the surface must be free from oil, greases etc. For horizontal surface on - exposed slabs it should be applied as soon as the initial sheen disappears from the surface or - the surface is free from excess visible water. On vertical & formed surface apply it after dampening down the concrete with clean water. The film dries within 2 hours, but shall not be subjected to rain water or otherwise before 12 hours of application.

**Advantages** • Very effective and economical alternative to conventional water curing where water curing is difficult and unreliable. • Reduces surface temperature being solar reflective. • An efficient moisture barrier for optimum curing of concrete. Minimizes drying shrinkage, prevents surface cracks. • No side effects with green concrete. • Non toxic & non flammable. • Does not damage the surface can be renovated easily from the concrete surface after curing.