



## **RAZON ENGINEERING COMPANY PRIVATE LIMITED**

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### **AN ISO 9001-2008 COMPANY CONCRETE CURE COATING CCC-107**

CCC-107 is liquid curing compound for curing freshly laid cement, viz. industrial floors, canal linings, pavements, concrete products, concrete roads, runways, vertical or sloping surfaces, etc.

CCC-107 forms impermeable membrane which retaining more than 90% moisture in concrete allowing retained moisture to facilitate uninterrupted hydration reaction to proceed to completion without external water curing. It reduces incidences of drying shrinkage crevices, improves hydration reaction & hence improves strength & physical properties of cement increasing concrete durability considerably.

Application of CCC-107 is specially effective under rapid drying conditions, viz. elevated temperatures, low humidity, under direct sunlight, water scarce arid regions etc.

CCC-107 is single component, it is easy to apply, it is white in colour, hence reflects maximum U.V. radiations. It is non toxic and bio-degradable.

CCC-107 is special acrylic and polymerized paraffin based formulation which gives advantages of paraffin based formulations as well as acrylic based formulations.

It exhibits good bonding to moist concrete surfaces, ensuring rapid formation of stable high adherence impermeable membrane, entrapping plastic concrete moisture completely allowing smooth and rapid concrete strength gain.

#### **Method of Use:**

Apply CCC-107 immediately after the concrete is laid and troweled allowing bleed water to evaporate.

It must be applied immediately after removal of form work whilst the concrete is still green.

CCC-17 may be sprayed, using motorized spray, hand operated spray, or by soft brush or roller.

#### **Advantages:**

Single component, easy to apply, no curing necessary, eliminates use of water curing, recommended for arid regions.

CCC-107 guarantees against unreliable, erratic water curing.

CCC-107 is white, easy flowing, acrylic based paraffin formulation giving advantages of acrylic based formulation & mere wax based emulsion.

It forms seamless, continuous impermeable film on concrete surface. The film being bio degradable may remain on concrete surface, eventually wearing away by natural agents on exposure. The membrane can be removed by light wire brushing if required.

Clean water may be added as a diluent to reduce its viscosity and enhance its flow properties whilst using CCC-107. Use of water will vary from site to site and depend on ambient temperature and humidity.

**Packing:** Available in 50kg packing.

No.	PRODUCT DATA	
1	Consistency	White, viscous emulsion
2	Base Film Former	Special modified acrylic & polymerized paraffin formulation
3	Specific gravity	1.10
4	Solid Content	41% ± 3%
5	pH	>7.00
6	Toxicity	Nil
7	Chlorides	Nil
8	Test report	ASTM C-309
9	Coverage	50 sq ft per kg at 20 <sup>0</sup> C by spray
10	Diluent	Clean water
11	Life	6 months if stored in cool dry place away from sunlight.
12	Packing	50kgs carboys



It is strongly recommended that site trials be conducted using site conditions and available raw materials to evaluate the product. Since site materials and conditions are beyond our control and since above suggestions and recommendations are based on our site trials and laboratory product evaluation & trials, and since methods of use at site are beyond our control. Hence, no guarantee can either be implied or enforceable