

COVER®

WATER-BASED CURING COMPOUND



RAMKA
CONSTRUCTION
CHEMICALS

COVER® is a concrete curing compound for protecting freshly placed concrete. It dries rapidly in air and forms a thin surface membrane that limits moisture evaporation and supports cement hydration.

Applications

- Large-area concrete placements
- Locations where water spraying or moist curing is impractical
- Concrete exposed to direct sunlight
- Wind-exposed concrete vulnerable to rapid moisture loss

Approvals / Standards

- ASTM C309
- ASTM C156
- BS 7542

Advantages / Benefits

- Retains concrete moisture for up to one week
- Retains up to 90% of concrete moisture
- Does not damage the concrete surface
- Reduces moisture evaporation
- Eliminates the need for continuous water spraying
- Reduces cracking caused by moisture loss
- Reduces surface scaling

Guideline for Use

Spray COVER undiluted, normally 20 minutes after both finishing and bleeding have ended. If either continues, wait until it has finished.

If the concrete surface has dried, dampen it before spraying.

Thoroughly stir the product before spraying. Prevent pedestrian traffic on the treated surface after application.

Hot-region and large-volume placements require a thicker curing film. Apply in two stages 30 to 60 minutes apart.

Dosage

Apply undiluted at an average coverage of 4 to 5 m² per kilogram. A thin membrane forms after drying.

Additional Information

For additional information on COVER admixture, consult our Technical Services Department.

Effects

Prior to drying: equipment can be cleaned with soap and water.

Storage

This Product has a shelf life of 1 year and it should be protected from direct sunlight and frost. Keep container in the temperature range between +10°C and +30°C. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage condition contact RAMKA Technical Services Department.

Basis of Data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Health and Safety

This product does not contain any hazardous substance to human health and the environment. However, it should not be swallowed and contacted with skin and eyes.

Rubber gloves, boots and goggles should be used during application. Accidental splashes on the skin should be washed with soap and water and any contaminated clothing removed.

Contact with eyes should be avoided and if any accidental contamination does occur they should be washed with copious amounts of water and medical attention sought.

Refer to the Safety Data Sheet (MSDS).

Fire

COVER is not flammable.

Product Information

Physical State	Liquid
Alkali content	<5 g Na ₂ O equivalent/L
Density	1.45 ± 0.05 g/cm ³ at 20°C
Packaging	20 KG Plastic Can / 1100KG IBC Container
Drying time	30 minutes at 30°C
Chloride Content	None
Appearance / Color	White, matte
Shelf Life	12 months from date of production if stored properly in undamaged unopened, original sealed packaging
Storage Condition	Should be protected from direct sunlight and frost. Keep container in the temperature range between +10°C and +30°C.



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Important Notes: The information, and, in particular, the recommendations relating to the application and end-use of RAMKA products, are given in good faith based on RAMKA's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with RAMKA's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. RAMKA reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.