

COVER®

WATER-BASED CURING COMPOUND



RAMKA
CONSTRUCTION
CHEMICALS

COVER® is a water-based curing compound which when applied to new concrete substrates after the final finishing operations are completed to form a film that retains mix water allowing normal hydration.

Applications

- For application on vertical, horizontal, smooth or textured, concrete substrates.
- Concreting in windy areas.
- Concreting in areas where concrete is exposed to intense sunlight.
- Suitable for interior or exterior concrete floors, pavements, sidewalks and structures.
- Applications to existing concrete surfaces as economical, water clear, protective sealing treatments

Approvals / Standards

- ASTM C309
- ASTM C156
- BS 7542

Advantages / Benefits

- Reduces early evaporation
- Forming a durable film.
- Aids concrete to attain maximum hydration, strength, durability and surface hardness.
- Shrinkage with associated hairline cracking and crazing greatly reduced in vertical and horizontal applications.
- Excellent moisture retention produces a durable concrete surface through optimum curing.
- Increases stain resistance and cleanability by sealing the surface pores.

Guideline for Use

COVER could be mixed with clean water

(mixing ratio: COVER: Water = 1:0.3-0.5 /wt.) in temperate weathers.

Ensure that there is no free water on the surface before applying. Apply by spray, brush, long nap roller, or lamb's wool applicator. For best results, we recommend a low-pressure garden-type sprayer with neoprene hoses. Apply uniformly to form a continuous film. In case of hot weather and Mat concreting, the required thickness is achieved by applying 2 layers. Leave the first layer for 30-60 minutes before applying the second layer.

Dosage

Apply COVER at a rate of 150-200 grams per 1.0 m²

Compatibility

COVER is

Effects

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

After applying: Protects surfaces from freezing

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.

Precautions

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.

Fire

COVER is not flammable.

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

Product Information

Physical State	Liquid
Specific Gravity	1.4±0.1 g/cm ³
Packaging	1 KG Plastic Bottle / 20 KG Plastic Can / 1100 KG IBC Container
Chloride Content	Nil
Appearance / Color	Light Gray (Silver)
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.