



PRODUCT DESCRIPTION:

Bestpolycure - W is a wax based curing compound which when applied on concrete forms a seamless film and prevent the evaporation of water from the capillaries of concrete.

FUNCTIONS

Cement hydration process and strength development takes place in the presence of water. However, due to evaporation, because of the temperature difference, moisture is lost from the system and proper hydration and strength development cannot take place. Conventional curing methods like ponding, water sprinkling or damp covering are difficult, involved cost and human efforts. Bestpolycure - W makes all this very easy. Its coating is newly placed concrete is a replacement of cumbersome process of water curing. Bestpolycure – W coating assures that the film does not allows water to leave out of the system and helps hydration process to be completed and ultimately required strength is achieved.

ADVANTAGES

- 1- Eliminates completely use of water, hessian cloth, or polyethylene sheet.
- 2- No risk of erratic or poor curing and ensures that the cement hydrates efficiently.
- 3- Good solar reflectance, which keeps the concrete temperature low, especially helpful during the early stages of concrete hydration in newly placed concrete.
- 4- Easy to apply, saves labour costs.
- 5- Does not affect the setting time of concrete.

USES

Bestpolycure - W can be applied on the followings:

- 1- Vertical structural members like columns etc.
- 2- Canal linings, dams, and other irrigation structures.
- 3- Airport runways.
- 4- Roof decks and shell roofs.
- 5- Retaining walls harbours, etc.
- 6- Pre- stressed beams, columns etc.
- 7- Exposed surfaces of dams.
- 8- All new concreting and Repair works.

METHOD OF USE

Application:

In all cases the nozzle of spray should be held approximately 450mm from the concrete surface and should be passed back and forth to ensure complete and even coverage. The pump pressure should be maintained at a level to produce a fine spray ensuring complete coverage of the surface. Rate of application depends on requirements, but is typically within the range of 3.5 to 4.5m² per litter.





BEST CONSTRUCTION

CHEMICALS

Stick with Best

Equipment:

Preferred and generally used equipment is a knapsack of the type commonly used in horticulture or pest control. The ideal one is a knapsack sprayer with a capacity of 5-10 liters fitted with an adjustable spray nozzle.

Equipment cleaning:

Immediately, after use, the spray equipment should be cleaned thoroughly with fresh water. If the spray nozzle becomes blocked with wax particles, they should be removed with white spirit or similar solvent.

PROPERTIES

Appearance	bulk liquid, milky white
Dry film color	white
Viscosity	5 to 10 cps
Reflectance	more than 60% to that of MgO
Min. application temp	5°C

SPECIFICATION COMPLIANCE:

Bestpolycure - W confirms to ASTM C309 – 99 & ASTM C 156 – 99 (a)

COVERAGE:

3.5 to 4.5 square meter / liter

STORAGE:

Store in cool and dry place away from direct sunlight.

SHELF LIFE:

12 months in sealed container

PACKING:

200 liter containers

SAFETY PRECAUTIONS:

Avoid contact with eyes or sensitive skin. Wash thoroughly if eyes or sensitive skin gets affected.

Disclaimer:

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

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