



ADHERE BONDS
The Versatile Construction Chemicals

ADHERE CURE

Concrete Curing Compound - Wax Based

ADHERE CURE - Wax based concrete curing compound which when applied on concrete forms a seamless film and prevent the evaporation of water from the capillaries of concrete.

ADVANTAGES:

Eliminates use of water, hessian or polyethylene film completely

No risk of erratic or poor curing and ensures that the cement hydrates efficiently.

Excellent solar reflectance, which keeps the concrete temperature low, especially helpful during the early stages of concrete hydration.

Easy to apply, saves labour costs.

Does not have any contaminants like chlorides etc.,

Does not affect the setting time of concrete.

FUNCTION:

Cement hydration process demands that water be present in the system. Curing is adopted to prevent the loss of water from the hardening concrete interior so that strength development is not impaired. Conventional curing methods like ponding or damp covering are not reliable because they depend heavily on environmental condition. ADHERE CURE assures that the film does not leave water out of the system and hydration proceeds to its completion.

USES:

Typical uses ADHERE CURE are for vertical structural member like columns, canal lining, dams & other irrigation structures, concrete roads, airport runways, aprons and hard standings, roof decks and shell-roof, retaining walls harbors, pre-stressed beams, columns, exposed surfaces of dams, etc.

METHODS OF USE:

APPLICATION: In all cases the nozzle of the 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.

EQUIPMENT: The preferred and generally used equipment is a knapsack sprayer 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 equipments should be cleaned thoroughly with kerosene or similar solvent. If the spray nozzle becomes blocked with resin particles, they should be removed with white spirit or similar fluid.

PROPERTIES:

Water loss after 72 hrs Not more than 0.55Kg/m²

Appearance Bulk liquid milky white

Dry film colour White

Viscosity 5 to 10 cps

Reflectance More than 60% to that of MgO

Min. application temp 4°C

Efficiency 95%

Coverage 3.5 to 4.5 m²/litre

PRECAUTIONS:

After the strengthening of concrete, the usual nature of the curing compound is to peel off as a thin film from the concrete surface. But in a country like India which tropical climate, the compound tends to penetrate into cavities and will not peel off. In such cases, rubbing the concrete surface with a wire brush, before topping with other layers becomes necessary for regaining the bonding properties of cured surface.

SPECIFICATION COMPLIANCE:

ADHERE CURE conforms to ASTM C 309-99 CLASS B & ASTM C 156-99(a).

SHELF LIFE:

12 months from the date of manufacturing when stored in ideal storage conditions.

PACKING:

5, 50, 200 Kg

Note:

Whilst any information and / or specification contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendation or suggestions made by us, our representatives, agents or distributors as the conditions of use of any labour involved are beyond our control.

Adhere Bonds
Coats Pvt Ltd

