



MEGA ADD-MIX 116

WAX BASED CONCRETE CURING
COMPOUND

PRODUCT DESCRIPTION

Mega Add-Mix 116 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.

ADVANTAGES

- Eliminates use of water, hessian or polyethylene film completely.
- No risk of erratic or poor curing and ensures that the cement hydrates efficiently.
- Good solar reflectance, which keeps the concrete temperature low, especially helpful during the early stages of concrete hydration.
- Easy to apply, saves labor 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.

Mega Add-Mix 116 assures that the film does not leave water out of the system and hydration proceeds to its completion.



USES

- Typical uses are for:
- Vertical structural member like columns
- Canal lining, dams & other irrigation structures
- Airport runways
- Aprons and hard standings
- Roof decks and shell-roof
- Retaining walls, harbors
- Pre-stressed beams, columns etc.
- Exposed surfaces of dams
- Repair works

METHODE OF USE

• **Application:** In all cases the nozzle of the spray should be held approximately 450 mm 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 liter.

• **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 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 fluid.

SPECIFICATION COMPLIANCE

Mega Add-Mix 116 confirms to ASTM C309 -99 & ASTM C156 - 99 (a)

TECHNICAL INFORMATION

APPEARANCE	:	Bulk liquid - Milky white
DRY FILM COLOUR	:	White
VISCOSITY	:	5 to 10 cps
COVERAGE	:	3.5 to 4.5 m ² /liter
REFLECTANCE	:	More than 60% to that of MgO
MIN APPLICATION TEMP	:	4 °C
WATER LOSS AFTER 22H	:	Not more than 0.55 Kg/m ²
PACKING	:	210 Liters containers

STORAGE

Store in cool and dry place away from direct sunlight.

SELF LIFE

12 months in sealed container.

CLEAN UP

Materials are difficult to remove when set. Clean tools and equipment before the material set.

VALUE BASE

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.



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LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the product uses.

HEALTH AND SAFETY INFORMATION

It is physiologically non hazardous once cured. However, follow standard Health & Safety Procedures when handling the product and wear gloves and face / eye protection. Avoid eye and skin contact. If skin contact occurs, wash with plenty of water and soap. In case of eye contact rinse with plenty of water and seek medical advice.

Non reacted material should only be disposed to special designated sites. It is better to let the product react with water to form foam before disposal in landfill sites.

The information given here is true, represents our best knowledge and is based not only on laboratory work but also on field experience. However, because of numerous factors affecting results, we offer this information without guarantee and no patent liability is assumed. For additional information or questions, please contact your local representative.

LEGAL NOTES

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*In case of any query or technical assistance, please feel free to contact us on following numbers mentioned below.
Our dedicated customer support team will be happy to assist you.*



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