



REDICURE WB (E)

Wax based curing compound

Description

REDICURE WB (E) is a white, low viscosity wax emulsion which incorporates a special alkali reactive emulsion breaking system. This system ensures that the emulsion breaks down to form a non-penetrating continuous film immediately upon contact with a cementitious surface. This impervious film prevents excessive water evaporation which in turn permits more efficient cement hydration, thus reducing shrinkage and increasing durability. Once formed, the membrane will remain on the concrete surface until eventually broken down and eroded by natural weathering. Where it is required to apply a further treatment to such concrete surface, it may be necessary to remove the membrane remaining after curing by wire brushing or other Mechanical means.

Advantages

- Single application: Forms moisture barrier for whole of the curing period.
- No other curing necessary: Eliminates use of water, hessian or sand, completely.
- Reliable: No risk of erratic or poor curing and ensures that cement hydrates efficiently.
- Ensures hard-wearing surface: Minimizes risk of drying shrinkage, cracks and dusty surfaces.
- Easy and safe spray application: Non-toxic and nonflammable.

Uses

- For spraying on freshly cast concrete, or newly exposed concrete surfaces after removal of form work,
- to form a temporary membrane which will retain sufficient moisture for effective curing to take place
- Used for concreting generally but especially useful for large areas of concrete such as pavements, runways and bridge decks; also for vertical or sloping surfaces as on towers, chimneys, canal linings, columns and beams, where water curing is difficult or unreliable

Compliance standard

- ASTM C309, AS 3799

Technical Information

PROPERTIES	RESULTS
Appearance	white liquid
Application Temperature	Min 5°C to 35°C

Method of Application

• SUBSTRATE QUALITY / PRETREATMENT

Concrete surface must be free from surface water. Evaporation of the surface water can take from 30 min to 2 hours, depending on temperature and water/ cement ratio.

• APPLICATION

Stir thoroughly before use to ensure full dispersion of solids. Spray product in a fine mist to completely cover the concrete surface. Maintain the pressure in the application equipment to ensure a consistent spray.

Coverage

- 1 litre REDICURE WB (E) will cover 70 – 80 sq. ft. area.

Supply

- It is supplied in 20, 50 & 200 lit drum.

Shelf Life

- 1 year from the date of manufacturing if stored in cool dry place under shaded area and if unopened sealed pack condition surface after completion of the preparation work.

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