



ADDAGE BONDCOTE CCARB

(Curing Compound Acrylic Resin Base)

Acrylic Emulsion Liquid Concrete Addage Bondcote CCARB

USES

As a spray/brush applied membrane to retain moisture in concrete for effective curing. Suitable for all general concreting applications and of particular benefit for large area concrete surfaces, such as airport runways, roads and bridgeworks

ADVANTAGES

- Improved curing of concrete enhances cement hydration and provides a more durable concrete.
- Control of moisture loss improves surface quality, reducing permeability, producing a hard wearing, dust free surface.
- Reduces surface cracking and shrinkage by eliminating moisture loss.
- Water based, therefore, non-flammable, non toxic
- Spray application reduces labour costs and eliminates the need for alternative curing systems
- Rapid film formation

DESCRIPTION

ADDAGE BONDCOTE CCARB is water based concrete **ADDAGE BONDCOTE CCARB** based on a low viscosity **Acrylic emulsion**. It is supplied as a white emulsion which forms a white film on drying. When first applied to a fresh cementitious surface the Emulsion breaks to form a continuous, non-penetrating white coating. This dries to form a continuous white film which provides a barrier to moisture loss, ensuring more Efficient cement hydration, improved durability and reduced shrinkage.

PROPERTIES

Appearance	:- white colour liquid
Specific gravity at 30°C	:- 1.05 g/cc
Viscosity at 30°C by B4 cup	:- 18-20 sec
Application temperature	:- 5 °C to 45°C
Drying time	:- approx 2 hrs at 30°C



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APPLICATION INSTRUCTION

ADDAGE BONDCOTE CCARB should be spray applied to the surface of fresh concrete. Do not apply if bleed water is forming or present on the concrete surface. The spray nozzle should be held approximately 450 mm from the concrete surface and passed back and forth to ensure complete coverage. Pump pressure should be maintained to give an even, fine spray. After spraying, no further application of water or other material is necessary to ensure continued curing. The concrete surface should not be disturbed until it has sufficient strength to bear surface loads. The applied film should not be walked on before it is fully dry and care should be taken to ensure that the film is not broken.

If you want to put concrete on **ADDAGE BONDCOTE CCARB** sprayed surface, then you first remove the curing compound from surface by scrubbing & then you put concrete on it.

ADDAGE BONDCOTE CCARB may also be applied to the surface of newly hardened concrete immediately after demoulding. In such cases the concrete surface must be damp and not dry. Dry surfaces may prevent correct film formation and cause absorption of the **ADDAGE BONDCOTE CCARB** which may lead to staining and difficulty in later removal.

Standards Compliance:- **ADDAGE BONDCOTE CCARB** conforms to ASTM - C 156, ASTM - C 309 - 07, TYPE - 2.

COVERAGE :- 3.5 to 5 m²/kg

EQUIPMENT

Spray equipment producing a fine mist without damaging the emulsion may be used for **ADDAGE BONDCOTE CCARB**, such as knapsack or motorised sprayers. The suitability of equipment should be ensured by an application trial. Equipment cleaning
Spray equipment should be cleaned immediately after use by flushing through with water

PACKING: - 200 kg
