

# ALEXCURE WB



## Water Based Concrete Curing Compound

### Description

**ALEXCURE WB** is a water based concrete curing compound based on a low viscosity wax emulsion suitable for spray application to freshly poured concrete

**ALEXCURE WB** incorporates a special alkali reactive emulsion breaking system. On contact with a cementitious surface the **ALEXCURE WB** emulsion breaks to form continuous, clear, non penetrating film to ensure full hydration to cement in concrete for reaching optimum strength. More over results a dust – free surface.

### Uses

- To provide a spray on membrane to retain moisture in concrete for effective curing.
- Suitable for general concreting applications but particularly useful for large areas of concrete construction such as :-  
Airport runways  
Motorways  
Bridgeworks.
- Alternative to Hessian, water.

### Advantages

- Non toxic.
- No need for water.
- Ease of application
- Improved curing and hydration of the cement produces a more durable concrete with reduced permeability to chloride and water

- Non flammable.
- Reduces labour costs.
- Improved curing and hydration of the cement
- Reduce permeability to chloride and water.
- Dust free surface.
- Water based.
- High curing efficiency.
- Reduced moisture loss minimizes surface Shrinkage and cracking.

### Standard

According to ASTM C309 type 1 class B

### Properties

Appearance	White emulsion which forms a clear film on drying
Specific gravity	Typically 0.98 at 0.95 to 1.0
Minimum application temperature	5°C

### Guide to application

#### **Application:**

**ALEXCURE WB** should be spray applied to the surface of freshly laid concrete. The compound should be

applied as soon as possible after the concrete is free from surface water. The nozzle of the spray should be held approximately 450 mm from the concrete surface ensure pressure to reach a uniform coverage.

**Coverage:**

Typically within the range 3.5 to 5.0 m<sup>2</sup>/lit (285 to 200 ml/m<sup>2</sup>) coverage rates outside these limits may be suitable in some situations, dependent on specific requirements. In shaded area interior surface adequate curing can be achieved with extended coverage rates.

**Storage:**

Freezing and prolonged exposure to direct heat or direct sunlight must be avoided.

**Guarantee:**

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

**Technical Service:**

For any technical advice for using the **ALEXCHEM** contact the technical office.

**Packing:**

Is supplied in 210 lit drums, 1000 lit bulks.

**Shelf life:**

Up to 12 months if stored in unopened containers according to the manufactured instructions

**Safety precautions:**

Avoid contact with eyes, mouth, and skin.

Treat splashes to eyes.

Wear suitable protective clothing, gloves and eye/face protection, don't breathe vapour/spray.