



Environmentally Friendly Water Based, High Efficiency Concrete Curing Compound (Conforms to ASTM C309-1 Type 1 Class A)

DESCRIPTION

Solcure Super WB is a spray-on temporary membrane to retain moisture in freshly placed concrete. It is formulated to prevent evaporation of the gauging water and provides an economical and efficient method for curing concrete.

Solcure Super WB is a white, low viscosity liquid which has an alkali reactive emulsion breaking system. This system ensures that the emulsion breaks down to form a non-penetrating continuous film immediately upon contact with cementitious surfaces.

- Economical and efficient method of curing.
- Prevents evaporation of the gauging water.
- Easy to apply spray-on temporary membrane.

Colour	Product Code	Size
White	SOLCURESUPERWB25	25 litres
	SOLSCURESUPERWB210	210 litres

TYPICAL USES

Solcure Super WB creates an impervious film which prevents excessive water evaporation which in turn permits more efficient cement hydration, reducing shrinkage and increasing durability.

The membrane once formed is degraded when exposed to ultraviolet light over a period of time.

FEATURES & BENEFITS

- Reduces surface shrinkage / cracking by controlling moisture loss.
- Increases water resistance.
- Enables cement to hydrate efficiently.
- Provides hard wearing surface and prevents dusting.
- Non toxic and non flammable.
- Eliminates need for damp Hessian, sand or polythene.

APPLICATION

- Solcure Super WB is spray applied to the surface of newly placed concrete.
- The concrete should be free from surface water and the nozzle of the spray should be held approx 450 mm from the concrete surface and passed back and forth to ensure complete coverage.
- The pump pressure should be maintained at a level producing a fine spray.

CURING EFFICIENCY

- Water loss 0.17Kg/m² applied at 245ml/m² which is considerably more efficient than the maximum permissible

water loss of 0.55kg/m² in ASTM C 309-81 and 0.39 kg/m² in US Federal Specification TT C 800A.

- 86% when applied at 270ml/m², Modified Dept. Of Transport specification for Road and Bridge works Clause 2709.
- After a period of approx. 28 days the film formed on the concrete surface will begin to degrade.
- The rate of degradation will depend upon initial membrane thickness and the degree of exposure to ultra violet light.
- Solcure Super WB does not fall within the scope of BS 7542:1992 but has approx a 90% curing efficiency.

COVERAGE

160-270 ml/m² (4-6m² per litre).

STORAGE

Store in dry conditions at room temperature. Protect from frost and from source of heat. Keep container closed after use.

SHELF LIFE

1 year in sealed container.

TECHNICAL DATA

Form	White Liquid
Pack Sizes	25 & 210 Litres
Type	Conforms to ASTM C309-1 Type 1 Class A
Touch Dry Time	2 to 4 hours dependent upon temperature and wind
Hard Dry Time	18 to 24 hours dependent upon temperature and wind
Water Retention	ASTM C156 Pass

HEALTH & SAFETY

During application avoid contact with eyes and skin. In the event of eye contact irrigate immediately with copious quantities of water and then seek medical advice. In the event of skin contact wash with soap and water or a resin removing cream.