



# PACTOCure WB

Water based concrete curing compound  
(available in 2 grades - clear and white)

## DESCRIPTION

**PACTOCure WB** is a low viscosity solvent free wax emulsion, producing a non penetrating continuous film on contact with a cementitious surface. This film prevents excessive water evaporation resulting in more efficient cement hydration, reduced shrinkage and increased durability.

**PACTOCure WB** is available in 2 grades:

**PACTOCure WB Clear** is for all applications in temperate climates and **PACTOCure WB White** pigmented grade is recommended in hot climates due to its light reflectance properties minimizing solar heat gain.

## TYPICAL USES

- As a spray applied membrane to retain moisture in concrete for effective curing
- Suitable for all general concreting applications and particularly suited for large area concrete surfaces, such as bridgeworks, airport runways and roads
- As a more effective and economical alternative to hessian and water and polythene curing regimes. Suitable for use on all concrete surfaces.

## ADVANTAGES

- Eliminates the need for water
- Single application
- Control of moisture loss improves surface quality, reducing permeability, producing a hard wearing, dust-free surface and minimizing the potential for surface cracking and shrinkage
- Improved durability
- Available in white pigmented grade-minimizing solar heat gain
- Spray application reduces labor costs and eliminates the need for alternative curing systems
- Reduced labor costs

## TECHNICAL DATA

	Clear	White Pigmented
Colour	White	White
Dry Film	Clear	White
SG @ 20°C	0.98	1.0

## RELEVANT STANDARDS

**PACTOCure WB clear** – curing efficiency in excess of 90% as required by BS 8110 when tested in accordance with DTp Specification for Highway Works Clause 1027. Complies with ASTM C309- Type 1D curing membrane.

**PACTOCure WB white-** curing efficiency in excess of 90% when tested in accordance with DTp Specification for Highway Works Clause 1027. Complies with the water retention and light reflectance requirement of ASTM C309 as a Type 2 curing compound.

## APPLICATION

**PACTOCure WB** should be spray applied to the surface of newly placed concrete. The compound should be applied as soon as possible after the concrete is free from surface water. The spray nozzle should be held approximately 500mm from the concrete surface and should be passed back and forth to ensure complete coverage. The pump pressure should be maintained at a sufficient level to produce a fine spray.

**PACTOCure WB** can be applied by various types of spraying equipment e.g. knapsack units or P8 plastic spray units. All equipment should be thoroughly cleaned with water after use.

The clear or opaque film produced by **PACTOCure WB** will begin to degrade after 25-30 days however proper preparation techniques including the removal of the membrane must be used prior to the application of subsequent surface treatments.



## EQUIPMENT CLEANING

Clean all equipment with water.

## PACKAGING AND YIELD

25 and 200 litre drum. Typical coverage of 4.5 to 6 m<sup>2</sup> per litre.

In favorable conditions such as shaded interior surfaces, adequate curing can be achieved with extended coverage rates.

## STORAGE & SHELF-LIFE

**PACTOCure WB** should be stored at temperatures below 35°C in unopened containers.

**PACTOCure WB** has a shelf life in excess of 24 months when stored as above.

## HEALTH & SAFETY

**PACTOCure WB** does not fall into the hazard classification of current regulations, however, it should not be swallowed or allowed to come into contact with skin and eyes either in bulk or spray form.

Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse with plenty of water and seek medical attention immediately- DO NOT induce vomiting.

## FLAMMABILITY

**PACTOCure WB** is water based and non- flammable.



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REV. 3- MARCH 2010