



# PACTOCure WB

Water based Concrete Curing Compound  
(Available in 2 grades - Clear and White)

## DESCRIPTION

**PACTOCure WB** is a low viscosity non-degradable liquid type of curing and sealing compound based on acrylic resins, 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 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

PROPERTIES	VALUES
Appearance	White liquid
Specific Gravity	1.01 ± 0.05
Flash point	Not applicable
Clear	Type 1, Class B Clear film
White pigmented	Type 2, Class B Reflective white film
Curing Efficiency	BS 7542 : > 90% ASTM C 156 : < 0.55 kg/m <sup>2</sup>
Standards	ASTM C 309 Type 1 & 2 Class B ASTM C 156: 1998 AASHTO M-148

## APPLICATION

Mix the contents of the drum thoroughly prior to the application in order to remove the sediments. It is recommended that the curing compound is applied after the initial bleed water evaporates and the concrete has achieved its initial set. The application can be done by a brush, roller or an airless spray at a coverage rate of 5m<sup>2</sup>/lt. For highly porous surfaces, a second coat has to be applied at the same coverage rate.

## PRIMER FOR SUBSEQUENT FINISHES

**PACTOCure WB** acts as a primer and bonding agents for the following systems:

- Water based emulsion paint systems containing PVA, PVC, and acrylic co-polymers
- Tile adhesives based on the above polymers
- Bitumen based emulsions or solutions
- Cementitious systems

## 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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