

CAT. NO. ST-01-2306

ISOCURE WB

Curing, Sealing Compound

ISOCURE WB is a liquid, white curing and sealing compound based on acrylic resin emulsion and wetting agent. It is used to prevent rapid evaporation of water from fresh concrete ensuring uniform hydration, adequate strength development and also minimize plastic shrinkage cracks. It is also used to seal concrete against ingress of water borne salts such as chlorides, sulphates and atmospheric carbon dioxide gas. **ISOCURE WB** forms a non-degradable permanent film and is compatible with water based emulsion paint, bituminous emulsion and cement renders containing integral bonding admixtures. **ISOCURE WB** is available in two formulations giving varying curing efficiency indexes.

ADVANTAGES

- Dual protection – cures and seals concrete.
- Protects concrete against waterborne chlorides and sulphates in the ground and atmospheric gases such as carbon dioxide.
- Cost effective and labor savings, eliminates ponding and wet hessian.
- Low viscosity, easily applied by spray straight from the can.
- Clear and white pigmented formula to produce 65-75% curing efficiency.
- Non-degradable film. Compatible with many specific after trades.

SPECIFICATION

ISOCURE WB is formulated to comply with the requirements of ASTM C 309.

Standard : Type 1 Class A; White liquid wet, transparent film dry; 65% minimum curing efficiency.

White pigmented : Type 2 Class A; White liquid wet, reflective white film dry; 75% curing efficiency.

DIRECTION FOR USE

Before using stir **ISOCURE WB** in the can. Transfer contents to a conventional back pack spray machine and apply to fresh concrete evenly and uniformly. Maintain uniform spraying pressure to avoid puddles. Apply **ISOCURE WB** at earliest opportunity immediately when initial bleed water has disappeared.

On formed concrete, wash the surface of the concrete with clean water immediately after removing the forms. Immediately after surface water has disappeared, apply **ISOCURE WB** by spray, roller or brush.

APPLICATION RATE

Curing : Apply at the rate of 5 square meters per liter, one coat.

Sealing : Apply at the rate of 5 square meters per liter per coat. Two coats recommended allowing first coat to dry for at least 3 hours but not more than 36 hours.

SURFACE FINISHES

ISOCURE WB acts as a primer for water-based emulsion paints such as PVA, Acrylic, Ethylene vinyl acetate, PVC, etc..

It is also compatible with Bituminous emulsion and latex-modified cementitious renders and tile adhesive. Contact ISOLA for more specific details.

PACKING / SHELF LIFE

- **ISOCURE WB (STD)** is packed in 20 and 210 liter drum
- **ISOCURE WB (White Pigmented)** is packed in 20 liter pail (stir before use).
Shelf life of twelve (12) months when stored in covered warehouse condition below 40^o celsius.

HEALTH/ SAFETY

ISOCURE WB is non-toxic and non flammable. However, users are advised to wear skin and eye protection when using this product. Accidental splashes to the eyes and skin should be immediately washed with clean water. If irritation persists, consult a physician. Refer to MSDS for more information.

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Technical information, data are to be considered as typical values and not sales specification. Actual measured values may vary due to factors beyond our control. Indications concerning function and application of the products are empirical. Although the information is believed to be accurate, there is no warranty by ISOLA. None of the recommendations becomes part of the warranted quality of the products. Due to the fact that the conditions of individual use are beyond ISOLA's direct and continuous control, ISOLA disclaims all responsibility in connection with the use of its products and does not warrant against any loss direct or consequential

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