



**AERO**<sup>TM</sup>  
CONCHEM LLP

AN ISO 9001 : 2008 CERTIFIED COMPANY

## AEROCURE RB

### Aluminised Resin Based Curing Compound

#### Description

AEROCURE RB is aluminized resin based liquid curing membrane for protecting concrete from loss of water during the early stage of the curing period. It is supplied as single component liquid which is ready for immediate site application. It produces a hard wearing surface, with excellent adhesion properties. It complies and exceeds all the requirements of ASTM C – 309, Type 2, class B and BS 7542.

#### Uses

AEROCURE RB is used to slow down the rate at which water evaporates from the concrete to cure more efficiently and achieve maximum performance properties. AEROCURE RB can be used on:

- General concrete requiring curing.
- Road decks.
- Runways.
- Bridge works.

#### Advantages

- Reduces the incidence of plastic shrinkage cracking.
- Improves strength and durability of concrete.
- Reduces surface dusting.
- Increases abrasion resistance.
- Reduces the permeability of concrete.
- Economical and easy to apply.
- Excellent performance on large concrete areas.

#### Instruction for use

##### Mixing

AEROCURE RB is supplied ready to use and should not be diluted. Stir thoroughly before use.

##### Application Method

AEROCURE RB should be applied by handheld spray equipment at the specific coverage to achieve a thin and even film. Application should be proceed immediately after the desired concrete surface finish has been attained, ensuring all surface bleed water has disappeared before hand. AEROCURE RB performs best when one full coat is continually applied until uniform film is achieved.

#### Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Physical Appearance	Aluminised pigmented liquid
2	Specific Gravity @ 30 °C	0.900 ± 0.005
3	Drying Time @ 30 °C	1 to 2 hours approx.
4	Curing Efficiency (ASTM C-309)	> 90 %
5	Water Retention (ASTM C-309)	0.55 kg/m <sup>2</sup> at 72 hours
6	Flash Point	40 °C

#### Cleaning

Cleaning Equipment used to mix and apply AEROCURE RB should be washed immediately after use with mineral solvent.

#### Limitations

- Concrete staining may occur if AEROCURE RB is applied to dry surfaces.
- AEROCURE RB should be protected from rain and traffic for three (3) hours after application, or until the membrane has completely dried.
- To prevent clogging, regular cleaning of jet sprays during application is recommended.
- A should not be over coated with other coatings or treatments.
- If material is to be applied over the top of a surface treated with AEROCURE RB, sandblasting or solvent treatment is recommended as surface preparation.
- Early application of AEROCURE RB will help prevent plastic shrinkage cracks from occurring by reducing the amount of water evaporating. Concrete curing compound, however, will not counter the effects of cracking that may occur as a result of long term drying shrinkage. Good concrete practices must apply when positioning construction joints and shrinkage control joint.



CURING COMPOUND & MOULD RELEASE AGENT



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#### Packing & Coverage

Packing: 1, 5, 10, 50, 100 & 200 ltrs. Containers.

Coverage: 5-6 m<sup>2</sup> per liter

#### Shelf Life & Storage

AEROCURE RB has a shelf life of 6 months from date of manufacture when kept at a temperature between 5 °C to 45 °C and store in the original, unopened bags.

All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

#### Quality Assurance

AERO CONCHEM LLP is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2008.

#### Health & Safety

AEROCURE RB is no-toxic and non-flammable. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet.

#### OUR RANGE OF PRODUCTS



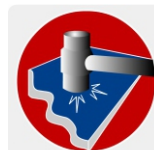
CONCRETE ADMIXTURES



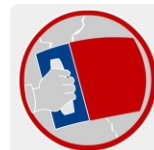
WATERPROOFING SYSTEMS



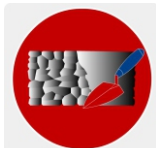
ENGINEERING GROUTS & ANCHORS



FLOORING SYSTEMS



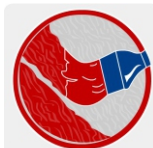
CONCRETE REPAIRS & STRENGTHENING



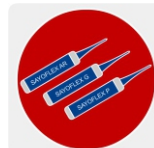
READYMIX PLASTER & PUTTY



CURING COMPOUND & MOULD RELEASE AGENT



PROTECTIVE & DECORATIVE COATING



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