

# ALEXCURE AR



## Acrylic Water-Based, Concrete Curing Compound and Sealing Agent

### Description

ALEXCURE AR is an acrylic based-solvent free protective, curing, sealing, surface hardening compound for freshly laid concrete. The resultant film retains sufficient moisture in the concrete to ensure full hydration of the cement essential for optimum strength development, and eliminate the shrinkage and acts as a primer coat when needed to be over coated.

### Uses

Used as curing, sealing surface hardener for:

- Marine structures.
- Precast concrete.
- Concrete subjected to high humidity and Salt attack.
- Cementitious render.
- Repairs.
- Retaining walls.

### Advantages

- High curing efficiency
- Reduced labor costs
- Easy to apply by brush, roller or spray.
- Reduced drying shrinkage
- Water based.
- Protects against chlorides and sulphate salts.
- Eliminates the need to water.

- Protects against the attack of harmful atmospheric gases.
- As it is acrylic base so it act as sealer (primer for subsequent finish for surface)
- Dust proof

### Properties

Appearance	White liquid
Specific gravity	1.05+-0.005 at 20°C
Adhesion to concrete	Excellent
Resistance to weathering	Excellent
Finish film appearance	Clear film
Drying time	3 hours at 25 °C

### **Standard:**

ASTM C309 Type 1 Class B

### Guide to application

#### **Application:**

- Stir the material well before use.
- Apply to the freshly laid concrete just after the surface water disappeared.
- Apply by hand tools or motor spray.

**Coverage:**

The rate of application is 6 m<sup>2</sup>/lit

**Storage:**

Freezing and prolonged exposure to direct heat or direct sunlight must be avoided.

**Packing:**

Is supplied in 210 lit drums, 1000 lit bulks.

**Shelf life:**

Up to 12 months if stored in unopened containers and in shaded area.

Avoiding extreme temperature and direct sun light.

**Guarantee:**

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

**Technical Service:**

For any technical advice for using the **ALEXCHEM** contact the technical office.

**Safety precautions:**

- Avoid contact with eyes, mouth, and skin.
- Treat splashes to eyes.
- Wear suitable protective clothing, gloves and eye/face protection, don't breathe vapour/spray.

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