

# SOLCURE STANDARD

## 75% Efficient Concrete Curing Compound



Acrylic polymer resin membrane forming liquid for curing concrete.

(suitable for use in potable water schemes)

- Easily applied by spray, single coat application.
- 75% Curing efficiency.
- Cures by locking in moisture to ensure full hydration.

| Colour     | Product Code  | Container Size |
|------------|---------------|----------------|
| Colourless | SOLCURESTD25  | 25 Litres      |
|            | SOLCURESTD210 | 210 Litres     |



## SOLCEM - Building Chemicals & Admixtures

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### Product Description

Solcure Standard physically “locks” moisture into freshly cast concrete surfaces to allow full hydration of the cement thus allowing the concrete to fully “cure”. It does this by covering the surface of the concrete with a resin film that prevents moisture from leaving the surface.

Solcure STD and its variants are not recommended for use in situations where subsequent bonding of any renders screeds or coatings is required, in these situations either remove all traces of the curing compound used by physical abrasion prior to carrying out the work or use Solcure WW or Solcure WWT, see separate data sheet.

### Typical Uses

- Solcure STD is used for curing fresh, concrete and reduce surface dusting.
- Solcure STD will help improve the physical properties of concrete

### Features & Benefits

- Prevents premature drying out of the concrete surface reducing the risks of surface cracking and surface dusting.
- Improves the durability of the concrete surface & improved physical properties.
- 75% Curing efficiency.
- Easy to use, spray application

### Application

#### New Concrete:

Apply progressively as soon as final tamping or trowelling has been completed. Avoid delays particularly on warm windy days when water will evaporate quickly from the surface before the curing agent has been applied.

#### Concrete struck from shuttering:

On surfaces struck from shuttering the concrete is “hungry” for water, flood coat with water as soon as the formwork is struck, as soon as this water has run off, apply the desired grade of Solcure STD.

If this is not done it is probable that the curing compound will be “sucked” below the concrete surface leaving the concrete surface unprotected. This advice regarding the flood coating of concrete surfaces protected by formwork is applicable whatever curing agent you may be using.

Curing agents are designed to lock moisture into concrete; they can only achieve this by being on the surface of the concrete. Curing agents do not provide thermal protection. It may be advisable to provide independent thermal protection in cold weather.

### Coverage

Apply the selected grade by spray at a rate of approximately 5.5 m<sup>2</sup> per litre, taking care to ensure complete coverage. Immediately after use the spraying equipment should be thoroughly washed out with Solklens

### Shelf life

1 year in sealed container

### Storage

Keep containers sealed. Store in dry conditions at room temperature and away from direct heat.

### Health & Safety

During application avoid contact with eyes and skin. In the event of eye contact irrigate immediately with copious quantities of water and then seek medical advice. In the event of skin contact wash with soap and water or a resin removing cream.

| Technical Data          |                           |
|-------------------------|---------------------------|
| Drying time - Touch Dry | 2-4 hours                 |
| Drying time - Hard Dry  | 18-24 hours               |
| Curing Efficiency       | 75%                       |
| Coverage                | 5.5m <sup>2</sup> / Litre |