

# SOLCO

# SOLCEM

## Solcure Super

### 90% Efficient Concrete Curing Compound

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#### DESCRIPTION

Solcure Super 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 Super 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.

- Easily applied by spray, single coat application.
- 90% Curing efficiency (Classified to ASTM C309: Type 1 or 2, Classes A and B - BS 7542).
- Cures by locking in moisture to ensure full hydration.

Colour	Product Code	Size
Amber	SOLCURESUPER25	25 litres
	SOLSCURESUPER210	210 litres

#### TYPICAL USES

- Solcure Super is used for curing fresh, concrete and reduce surface dusting.
- Solcure Super 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.
- 90% Curing efficiency in accordance with BS7542.
- 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 Super.

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.

#### STORAGE

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

#### SHELF LIFE

1 year in sealed container.

#### TECHNICAL DATA

Drying Time - Touch Dry	2-4 hours
Drying Time - Hard Dry	18-24 hours
Curing Efficiency	90%
Coverage	5.5m <sup>2</sup> / Litre

#### 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.