

SOLCEM

Solcure Super AL

90% Efficient Concrete Curing Compound

DESCRIPTION

Solcure Super AL 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.

In accordance with the requirements of Clause 1027 of the DoT specification for Highway Works. Solcure Super AL contains aluminium flake which when sprayed on the concrete surface produces a metallic “mirror” surface to reflect away solar heat, this is particularly advantageous on large expanses of concrete such as airport runways and concrete roadways, where solar heat combined with the heat of hydration may combine to form cracking.

- Easily applied by spray, single coat application.
- 90% Curing efficiency.
- Contains aluminium flake which reflects solar heat

| Colour | Product Code | Size |
|--------|--------------------|------------|
| Amber | SOLCURESUPERAL25 | 25 litres |
| | SOLSCURESUPERAL210 | 210 litres |

TYPICAL USES

- Solcure Super AL is used for curing large areas of concrete where solar heat is a consideration.
- Solcure Super AL will help prevent cracking from solar heat or hydration.

FEATURES & BENEFITS

- Prevents premature drying out of the concrete surface reducing the risks of surface cracking and surface dusting.
- Metallic surface reflects Solar Heat.
- 90% 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 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 m² 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 ² / 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.