

# MonniCure S

Water Based Concrete Curing Compound

## Product Description

MonniCure S is a clear liquid based on sodium silicate to cure, harden and seal freshly hardened concrete. It is easy to apply, leaves no residue and dries quickly.

## Uses

MonniCure S is used as an effective and economical curing agent compared to the traditional Hessian, water and polyethylene curing system. Suitable for all types of concrete surfaces such as:

- ▶ Interior and Exterior Floor Slabs
- ▶ Sidewalks
- ▶ Driveways
- ▶ Beams and Columns
- ▶ Warehouse Flooring

## Advantages

- ▶ Ready to use
- ▶ Economical
- ▶ Water based. Eco-friendly
- ▶ Colorless and Odorless
- ▶ Easy application and quick drying
- ▶ Degrading over a period of time
- ▶ Improve resistance to abrasion and corrosive action of salt and chemicals

## Usage Instructions

### Pre-application

MonniCure S should be stirred before application. Product is ready for use directly from the drum and should not be diluted with water.

MonniCure S is not a film forming product but should fully saturate the concrete for maximum effect. Perform enough application to fully saturate the concrete without leaving puddle.

Surface should be free of water. In case of horizontal surfaces, the product should be applied as soon as the bleed water has evaporated from the surface.

### Application

MonniCure S should be applied uniformly by sprayer, brush, roller or soft bristled broom to the surface of fresh concrete. For best results, use spray for application.

Application should be at the rate of 15m<sup>2</sup>/liter. The coating produces a light duty surface. It is the responsibility of the user to adjust to curing rate to properly regulate the hydration of the concrete. Two applications maybe required.

MonniCure S should be applied to newly hardened concrete immediately after demolding. It should never be applied on concrete which has started to dry out, otherwise the hydration mechanism will be seriously impaired.

Do not allow compaction or vibrating acts close to the sprayed area as this will break the freshly sprayed film.

### Overcoating

Over coating can be done without removal of curing compound provided the application is within the specified coverage rate.

### Clean

Equipment and tools used should be cleaned promptly with water.

## Technical Data

Category	Typical Values
Appearance	Clear Liquid
Density	1.3 Kg/L @ 25°C
VOC	1.3 g/L
Drying Time	30-40 minutes @ 25°C
pH	10-12 @ 25°C
Curing Efficiency (BS 7542)	75%

All values are subject to 5-10% tolerance

## Consumption

15-20 m<sup>2</sup>/L, depending on concrete surface condition.

## Recommendations

Use only on green or recently poured clean concrete.

Protect areas not intended for coverage. If contact occurs, remove immediately using water and a cloth or brush.

Do not allow the product to puddle. White residue may form if is over applied.

## Health & Safety

Direct contact with the product may result in irritation of the skin and eyes. Product vapors may also cause irritation. Wear gloves and masks, wash thoroughly after handling remove any contaminated clothing and wash skin with soap and water.

Remove ignition sources prior to use. Accidental eye contact, wash with plenty amount of water and seek immediate medical help.

Refer to Material Safety Data Sheet for complete health and safety information.

## Legal disclaimer

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