

### MONNELI BETOCURE S

*Water Based Concrete Curing Compound*

#### Product Description

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

**BETOCURE 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: Factory floors and warehouses

- 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

#### Instructions for Use

##### Pre-Application

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

BETOCURE 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

BETOCURE 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.

BETOCURE 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.

## Cleaning

Equipment and tools used should be cleaned promptly with water.

## 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 BETOCURE S is over applied.

## Technical Data

Properties	Results
Appearance	Clear liquid
Density at 25°C	1.3 kg/L
VOC	1.3 g/L
Drying Time at 25°C	30 – 40 minutes
pH at 25°C	10 - 12
Curing efficiency (BS 7542)	75.00 %

All values are subject to 5-10 % tolerance

## Packaging

BETOCURE S is packed in 20 liters and 210 liters drums.

## Coverage

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

## 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.

The information in this Technical Data Sheet is based on Colmef Monnelli's experience. Colmef Monnelli does not accept any liability arising from the use of its products as it has no direct or continuous control over where or how its products are applied. All Colmef Monnelli's Data Sheets are updated on regular basis. It is the user's responsibility to obtain the latest version.

DUBAI  
ABU DHABI  
ITALY

P.O. Box 123808 Dubai UAE  
P.O. Box 127326 Abu Dhabi, UAE  
Z.I. Ponte d'Assi 06024 Gubbio (PG)

T. +971 4 8803488 F. +971 4 8803450  
T. +971 2 5511949 F. +971 2 5511749  
T. +39 75 9221297 F. +39 75 9221174

[colmef@colmef.ae](mailto:colmef@colmef.ae)

[www.colmef-me.com](http://www.colmef-me.com)

**BETOCURE S**  
*Technical Data Sheet*  
*Edition: January 2020*  
*Revision: 02*