



## SBR-413 Solvent-Based Resin Based Surface Hardening Curigun Liquid

### Product Description

It provides optimum strength by keeping the water within the concrete with the film layer it forms on the surface applied on the solvent-based, freshly poured concrete.

### Areas of Use

- It is applied in all kinds of field concrete, channel and flume concretes and all surface hardener applications.
- It is used in industrial areas such as factories, material stores, workshops, shopping malls with heavy traffic, fairgrounds, metro stations, pavement and pedestrian roads, garage, parking lot, loading and unloading areas, gas stations.
- It should be used especially in any weather conditions where evaporation is high.
- The water in the fresh concrete slows down the evaporation rate and enables it to reach high strengths.
- It prevents shrinkage cracks and surface dust.

### Preparation of the Surface

In order not to damage the surface, the concrete must have sufficiently set.

### Application Details

- It is applied directly to fresh concrete or surface hardeners applied to fresh concrete by brush or roller.
- The surface should be protected against factors such as snow and rain for 2 - 3 hours immediately after the applications made in outdoor areas.
- At the end of this period, the curing material is not affected by external factors.
- Air circulation must be provided during application.



- After the removal of the moulds in the molded application, from the formation of the joint
- In the molded application, after removing the molds, before the formation of the joint, it should be applied on the fresh concrete as soon as the surface starts to lose its gloss (when the surface of the water starts to evaporate) by spraying or roller without any accumulation on the surface.
- A soft short-bristle brush can be used on the wall and a soft brush or roller on the floor.
- The product is applied to the surface as a thin layer of equal thickness.
- After application, the surface has a semi-matte appearance.

### Application Limit

- It is not applied to wet surfaces.
- It is not applied to non-porous, non-absorbent and glazed surfaces.
- Air circulation must be provided during application.

### Thinning

The material is definitely not thinned.

### Application Requirements

- The ambient temperature should be between +5 °C and +35 °C during application.
- It should not be applied on surfaces that are in danger of frost within 24 hours.
- The drying time of the material is approximately 40 minutes.
- The specified periods are valid at 25 °C surface and ambient temperature, time is prolonged at low temperature, time is shortened at high temperature.
- It should not be applied under direct sun or strong wind.

### Application Tools

Brush, Roller.

### Warnings & Suggestions

- It contains solvent, it is flammable.
- Skin and eye contact should be avoided. Gloves must be used during storage and application.
- Foreign materials must not be added.
- The amount of consumption indicated is a general knowledge.
- It can vary depending on application conditions and surface characteristics.

### Technical Information

Technical Information is relative to 55% ( $\pm 5$  °C) relative humidity environment at 23 °C ( $\pm 2$  °C).

Appearance	Transparent amber colored liquid
After Application	Semi-matte smooth, transparent film
Liquid Density	0.80 kg / lt.
Application Temperature	+5°C / +35°C
Drying Time	40 minutes
Flash Point	+80°C



#### Consumption

150-200 gr / m<sup>2</sup>



#### Packaging

15 lt. Tin



#### Shelf Life

1 year from the date of production  
in drought and dry environments



#### Color

Şeffaf