



SBR-404 Water-Based Resin Based Surface Hardening Cure Liquid

Product Description

Synthetic resin-based film layer applied on freshly poured concrete provides optimum strength increase by keeping the water within the concrete.

Areas of Use

- It is applied for curing of concrete on fresh poured concrete and all surface hardening applications.
- All kinds of engineering structures such as highway, dam, subway, tunnel, bridge,
- Parking lots, garages, material stores, factories, shopping centers where human traffic is heavy,
- It is used in places such as industrial structures, aircraft hangars, apron fields, helipads.
- It is useful on wide and open concrete surfaces.

Preparation of the Surface

- The application on horizontal surfaces should be done immediately after the sweating water disappears on the surface and the desired surface correction processes are completed. (Wait between 0.5 and 2 hours depending on the temperature).
- It should be applied after taking mold on vertical surfaces.

Advantages

- Reduces dusting on the surface.
- Minimizes shrinkage.
- It helps the concrete reach its target strength.
- It reduces cracks caused by plastic shrinkage.
- It eases the burden of expensive and highly crafted methods such as coating, sack and watering.



Application Details

- SBR 404 is ready for use; there fore it should not be diluted with water.
- Shake well before use.
- It can be applied with an automatic spraying system if it is to be applied consecutively to large surfaces or to a number of concrete elements.
- Protect the applied area from rain for at least 12 hours or until it is completely dry.

Application Limit

SBR-404 should not be covered with other surface coating or protection materials.

Application Requirements

- The ambient temperature should be between +5 °C and +35 °C during application.
- It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.
- The drying time of the material is approximately 12 hours.
- 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 or Roll

Warnings & Suggestions

- Clean the tools and application equipment with hot water immediately after use.
- If the material is hardened, solvent can be used.

Technical Information

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

View	White Liquid
Chemical Structure	Water-based, white pigmented emulsion
Density	1.03+0.02 kg / Lt.
Application Temperature	+5°C / +35°C



Consumption

Consumption depends on wind, humidity and temperature.
150-200 gr / m²



Packaging

30 Lt. Bin.



Shelf Life

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



Color

White
Liquid