



8050

Solvent Based Curing Compound

Product Code : 8050.01

Description: A transparent amber-yellow, hydrocarbon resin based, solvent-borne liquid curing compound, that prevents quick loss of water from the concrete. It forms a film layer which reduces shrinkage cracks on the surface by preventing the water inside the fresh concrete from evaporating.

Application Areas: All vertical and horizontal concrete surfaces, right after fresh concrete and surface hardener applications, concrete applications where the air flow and evaporation is substantial and the moisture is low, before coverings such as paint, ceramics, epoxy etc. Airport and field concrete, Concrete roads and bridges, canals and dams, retaining walls.

Advantages:

- Increases the resistance of concrete.
- Prevents shrinkage cracks resulting from fast drying while concrete surface is cured.
- Has water repellent property.
- More effective than other curing methods such as sack or canvas laying or irrigating.
- Provides a more effective curing than the paraffin and acrylic based curing compounds.

Preparation of the Surface: It is applied with a brush or roller directly on fresh concrete or on surface hardeners that are applied on fresh concrete. However, in order to prevent damage on the surface, concrete should be hard enough.

Application Information: In molded applications, it must be applied on fresh concrete, immediately after the demounting of the molds, as soon as the surface starts losing its initial brightness (when the surface water starts evaporating) either by

spraying or with a brush or roller, provided that there is no accumulation. A soft and short hair brush can be used on the walls and a soft brush or a roller can be used on the floor. The product is applied as thin layers in equal thickness all over the surface. The surface gains a semi matt look after the application. Dries in approximately 40 minutes. (+20°C)

Consumption: 150 - 180 g/m² (Varies depending on the absorbency of the surface and weather conditions.)

Caution: Contains solvent and is flammable. The surface must be protected for 2-3 hours against external factors such as snow, rain etc. At the end of this period, the curing compound will not be affected by external factors. Never dilute the material. Do not apply on wet surfaces. Do not apply on nonporous, nonabsorbent and vitrified surfaces. Ventilate during the application.

Packaging: 30 kg plastic drums

Shelf Life: Unopened packages can be stored in closed environments, above +5°C for 12 months. Protect it against frost. Shake before use.

Health and Safety: As with all chemical products, contact with food, skin, eyes and mouth should be avoided during usage and storing. If swallowed by accident, consult a doctor. In case of contact with skin, rinse immediately with plenty of water. Do not approach with open flame and do not smoke during the application. Work only at areas that are ventilated adequately. Do not let the package lid open. Keep out of reach of children.



Technical Properties

Appearance	: Transparent amber-yellow colored liquid
Appearance After the Application	: Smooth, transparent film
Liquid Density	: ~0,90 kg/l
Drying Time	: 40 minutes (ASTM C 309)
Flash Point	: +80°C

Application instructions and technical data provided for the products are obtained in line with our experience and the tests we implemented according to international standards under ambient temperatures of 23 ± 2 °C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease the times and lower temperatures increase them.