



8050

Water Based, Waterborne Curing Compound

Description: An **acrylic** emulsion based, white colored and waterborne liquid curing **compound**, that prevents quick loss of water from the concrete.

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, airport and field concrete, oncrete roads and bridges, Canals.

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.
- Does not contain solvent, is not flammable, safe to use indoor.
- It does not prevent resin and cement based applications on the cured surface.
- Easy-to-apply and labor-cost effective.

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. The product is applied as thin layers in equal thickness all over the surface. Dries in approximately 2 hours. (+20°C)

Consumption: 200 - 300 g/m² (Varies depending on the absorbcency of the concrete surface and weather conditions.)

Caution: 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.

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 with plenty of water. Keep out of reach of children.

Technical Properties

Appearance	: White colored liquid
Appearance After the Application	: Light opaque transparent layer
Liquid Density	: ~1.07 kg/l
Drying Time	: 2 hours (ASTM C 309)
Flash Poin	: None

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.

