

Curing agent for fresh concrete

AREA OF USE

Kontrasol Novi is a polymer-based emulsion designed to cure for and protect fresh concrete from excessive water evaporation. It is used to protect fresh concrete surfaces from the effects of the sun, wind, and drafts. It is primarily intended for the protection of concrete roads, airports, platforms, terraces, and other facilities where a large portion of the concrete is exposed to atmospheric influences and adequate wet curing cannot be provided.

Kontrasol Novi is ideal for protecting concrete surfaces that will be painted, coated, or cement-plastered in the future.

TECHNICAL CHARACTERISTICS

Characteristic	Declared value
Appearance	White liquid
Density, 20 °C	approx. 1 kg/L
Viscosity, Ford 4, T=20 °C	approx. 10 sec

ACTION

Kontrasol Novi forms a thin film on the surface of fresh concrete, preventing water from evaporating too quickly in strong sunlight, low air humidity, wind, or drafts.

In this way, the risk of shrinking and cracking due to rapid drying is greatly reduced.

CONSUMPTION AND INSTRUCTIONS FOR USE

- Consumption: 0.20 kg to 0.30 kg per 1m² of surface
- It is applied to the surface of the concrete by spraying. Kontrasol NOVI is sprayed onto fresh concrete only after standing surface water is no longer present.
- **Important:**
Acrylate-based paints are particularly suitable for painting concrete protected with Kontrasol NOVI. A preliminary test is recommended to check the adhesion of paints on other polymeric bases.

Polymer-modified products [e.g., HydroBlocker Hidroizol coatings, Tekamal MSM mortars, Tekamal Silika MSM mortars] are required for subsequent protection, coating, and bonding with portland cement-based products. Good adhesion in subsequent cement-based layers is ensured with a bonding layer prepared with a polymer dispersion [e.g., Cementol Expert Elastosil 34, Cementol Expert Lateks SB]. In any case, we recommend conducting a preliminary test with a specific product.

PACKAGING

plastic drums 50 kg, metal drums 180 kg, IBC containers 1 m³ [1000 kg]

STORAGE

- Store the product in tightly sealed containers at temperatures between +5 °C and +35 °C. We need to protect it from damage, freezing and direct sunlight.
- A properly stored product has a shelf life of at least 1 year after the date of manufacture.
- The product may still be used after the date of expiry, but the characteristics important for the intended use have to be examined.

HEALTH, SAFETY AND ECOLOGY

No special measures are necessary when working with Kontrasol Novi. Follow the general instructions for working with chemicals: take care of cleanliness, do not eat, drink or smoke while working. After finishing work, wash hands thoroughly with water.

More information on safe handling and disposal of the product is available in the safety data sheet, which is provided on request, and is also available from the dealer or distributor where you purchased the product.

WARNING

Instructions and recommendations are given based on examinations in our laboratories and experience to date. Due to the specific conditions and method of work, we recommend preliminary tests for each individual case of use.

Since we cannot influence the course of work, we cannot be held responsible for its quality!



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