

Biodegradable mould release emulsion

AREA OF USE

Unimaz EKO-conc. is an environmentally friendly biodegradable mould release emulsion based on vegetable oil. It forms a separation-protection film between the concrete and the formwork/mould surface when applied in a very thin layer, protecting the surface of concrete element as well as the surface of the formwork and ensuring quality concrete surface and minimal mould cleaning and wear.

TECHNICAL CHARACTERISTICS

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

CONSUMPTION AND INSTRUCTIONS FOR USE

Consumption: approx. 10 – 20 ml/m² [1 L for approx. 50 – 100 m²] depending on the type and condition of the formwork.

Unimaz EKO-conc. can be used concentrated or diluted with water in the ratio up to 1:1, but the effectiveness must be tested beforehand.

Formworks must be thoroughly cleaned before the application of Unimaz EKO-conc.

Unimaz EKO-conc. should be applied before installation of steel reinforcement.

Unimaz EKO-conc. can be applied to the formwork manually [with a brush, cloth, etc.] or by spraying.

A very thin layer of Unimaz E is required to achieve the best separation effect. Excess emulsion should be removed so as not to have the opposite effect on the concrete surface. When applying to filigree formwork with small depths, care must be taken not to accumulate oil in it!

Due to chemical composition, Unimaz EKO-conc. should not be used when ambiental temperatures drop below 0 °C, and also not when raining heavily.

Unimaz EKO-conc. should not be applied to frozen moulds because it freezes on them due to water base and therefore does not perform its function!

ADVANTAGES OF USE

- biodegradable product,
- smooth surfaces,
- the surface of the concrete does not change color,
- fewer dust residues on formwork/moulds,
- suitable for protection of horizontal and vertical surfaces,
- possible dilution,
- health and environmentally friendly product.

PACKAGING

plastic drums 50 L, IBC containers 1000 L

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 required when working with Unimaz EKO-conc. 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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