

Mould release emulsion

AREA OF USE

Unimaz E is a wax based mould release agent (emulsion), suitable mainly for protection of metal and plastic formworks. It forms a separation-protection film between the concrete and the formwork/mould surface when applied in a very thin layer, allowing for easy separation of the concrete from the formwork/moulds.

Unimaz E enables:

- quick and easy removal of both simple and complicated formwork without the risk of damage to sharpened parts of hardened concrete,
- protection of metal formwork surfaces against corrosion and thus prolonging the durability of the formwork,
- absolutely no effect on cement setting time,
- good adhesion of mortar or concrete to the hardened concrete which has been casted in the formwork previously treated with the release product,
- less frequent cleaning of formwork,
- time stability of the applied film – fresh concrete can be casted in to protected formworks even after 24 hours, without the film losing its positive properties.

TECHNICAL CHARACTERISTICS

Characteristic	Declared value
Appearance	Milky white liquid
Density, 20 °C	approx. 1 kg/L
Viscosity, Ford 4, T=20 °C	approx. 15 sec

CONSUMPTION AND INSTRUCTIONS FOR USE

Consumption: approx. 15 - 25 ml/m² [1 L for approx. 40 – 65 m²] depending on the type and condition of the formwork.

Unimaz E 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. When applying to filigree formwork with small depths, care must be taken not to accumulate oil in it!

In winter (at low temperatures) make sure that the product has at least +10 °C before use. In case of lower temperature it is difficult to apply due to increased viscosity, or it is applied in too thick layer, which may negatively impact on the appearance of concrete surface.

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

PACKAGING

plastic drums 50 L, metal drums 200 L, IBC containers 1000 L

STORAGE

- Store the product in tightly sealed containers at temperatures between +5 °C and +35 °C in a dry and airy place. 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

When working with Unimaz E, wear protective gloves, and eye and respiratory protection. 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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