

Low-viscosity mould release agent

AREA OF USE

Unimaz OW-19 is a light-flowing liquid mould release agent that is based on mineral oil, aromates-free solvents, and special additives. 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. Due to its composition, it has a nearly constant viscosity (light-flowing liquid) even at low temperatures. It is especially well-suited for the production of visible, smooth concretes with uniform texture and colour and with no or low surface porosity. It does not dissolve expanded polystyrene (styrofoam) and similar materials and is also suitable for heated formwork/moulds for precast elements, if the temperature does not exceed 60°C.

TECHNICAL CHARACTERISTICS

Characteristic	Declared value
Appearance	Colourless to slightly yellow clear liquid
Density, 20 °C	(0.80 ± 0.05) kg/L
Viscosity, Ford 4, T=20 °C to -5 °C	10 – 11 sec

CONSUMPTION AND INSTRUCTIONS FOR USE

Consumption: approx. 8-10 ml/m² [1 L for approx. 100 – 125 m²] depending on the type and condition of the formwork.

Unimaz OW-19 can be applied to the formwork manually [with a brush, cloth, etc.] or by spraying.

A very thin layer of Unimaz OW-19 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!

Temperature range of use: -10°C to +60°C

ADVANTAGES OF USAGE

- very thin application even at low temperatures – lower consumption, no risk of applying an overly thick layer, which would result in a higher cost and could impair the quality of the concrete surface
- quick and easy removal of both simple and complicated formwork without the risk of damage to sharpened parts of hardened concrete,
- production of visible concretes,
- protection of metal formwork surfaces against corrosion and thus prolonging the durability of the formwork,
- absolutely no effect on cement setting time,
- reduction of the required cleaning of the formwork,
- time stability of the applied oil film.

PACKAGING

jerry cans 10 L, plastic drums 60 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. Protect it from sources of ignition and heat, as well as direct sunlight.
- A properly stored product has a shelf life of at least 2 years 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 OW-19, 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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