



YAPI KİMYASALLARI SAN. VE TİC. LTD. ŞTİ.

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POLY VX-69

Mineral Oil Based Mold Release Agent Resistant to Curing Temperatures

MATERIAL DESCRIPTION

POLY VX-69, mineral oil based, used for easy removal of all kinds of molds used after concrete casting and for obtaining smooth surface concrete, mold release agent resistant to curing temperatures.

Public Works Poz No: 04.116/2

AREAS OF USE

- Used in wood, steel, plywood and composite precast molds.

ADVANTAGES

- Allows easy separation of the mold from the concrete.
- Extends the life of the mold.
- It is suitable for heat and steam curing applications as it does not contain components that can evaporate at curing temperatures.
- Thanks to the special emulsifiers in its structure, it reduces air bubbles between the concrete and the mold and provides a smoother concrete surface.

TECHNICAL SPECIFICATIONS

Material

StructureMineral oil based

Color

Oil yellow bright liquid

Density~0

.85 kg/liter

pH Value

6-7

Flash Point

above +95°C

Note: The above values are given for + 23 °C and 50% relative humidity. High temperatures shorten the time, low temperatures lengthen the time.



SURFACE PREPARATION

Before using the mold release agent, the molds must be thoroughly cleaned of wood and iron, snow and ice.

APPLICATION METHOD

To obtain the best result, **POLY VX-69** should be applied on the mold as a thin layer, homogeneously by spraying or roller. It should not be allowed to accumulate on the surface and should be distributed evenly and homogeneously. In spraying applications, the distance between the nozzle and the mold surface should be 50-100 cm and the spray pressure should be 2-4 bar.

PACKAGING

30 lt plastic drums and 210 lt barrels.

EXPENDITURE

In wooden, plywood and steel molds, 1 liter of **POLY VX-69** lubricates approximately 25 m² of mold surface when applied with a roller and approximately 40 m² when sprayed with a 2 - 4 bar pressure pump.

SHELF LIFE

Shelf life is 24 months from the date of production under appropriate storage conditions. Opened packages can be resealed and used throughout their shelf life.

STORAGE

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. For short-term storage, maximum 3 pallets should be stacked on top of each other and shipment should be made on a first-in, first-out system. For long-term storage, pallets should not be stacked on top of each other.

SECURITY MEASURES

During application, work clothes, protective gloves and goggles should be used in accordance with the rules of Occupational Health and Labor Health. Avoid contact with skin and eyes during storage and application, in case of contact, wash immediately with plenty of water and soap, and in case of ingestion, consult a doctor immediately. Food and beverage materials should not be brought into the application areas. It should be stored out of the reach of children. For detailed information, refer to the Material Safety Data Sheet.

RESPONSIBILITY

The data contained in this technical document are based on our scientific and practical knowledge. **BETTON Construction Chemicals San. ve Tic. Ltd. Şti.** is only responsible for the quality of the product. **BETTON Construction Chemicals San. ve Tic. Ltd. cannot be held responsible** for any consequences that may occur due to misuse and/or misuse other than the written recommendations on where and how to use the product. **Ltd. Şti.** cannot be held responsible.



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