

LubriForm® W

Concrete Form Release Agent

LubriForm W is produced based on water and is a mixture of plant and mineral oils that are stabilized in water in an emulsion form. This product is used to facilitate the separation of the form from the concrete surface. This product loses its water after using it, therefore, a thin layer of the release agent will be formed on the surface of the form which is an obstacle to bonding the concrete surface to the form and prevents developing bubbles on the surface of the form.

LubriForm W is produced based on the physical and chemical properties of the following table.

Physical State	Liquid
Color	Milky
Chemical base	Mineral and Organic
Density	0/96 ± 0/02 g/cm3

The usage and effect of concrete from the release agent

The usage of the concrete form release agent

- Usable for the surfaces of different types of steel forms
- Usable for the surface of different types of plastic and fiberglass forms
- Usable for the surface of different types of plywood

The advantages of using the form release agent

- Facilitating the separation of form from the concrete
- Forming a clean surface without the honeycomb
- Improving the durability of the surface of the concrete
- Increasing the lifetime of the concrete forms
- Minimizing the time of cleaning and re-preparing the used forms
- preventing the corrosion of the steel forms

The instruction to use the form release agent

The allowable range for using the form release agent

The allowable range for using the LubriForm V is approximately 1 liter per 10 to 20 m² of the form. The quality of the form and the instruction to use the agent are important.

The instruction to use the form release agent

It is necessary to clean the forms, brand new or used, from dust, crushed concrete, and the left oil before preparing them. Clean forms enhance the effectiveness of the release agent and highlight the aforementioned properties. It is recommended to use the Betonyse of Capco to wash the forms off the left concrete. Cover the surface of the form with LubriForm W after cleaning with suitable methods. Using the painting brush, sponge and spraying is recommended; however, spraying will have better results. The coverage must be as thin as possible and a thick coverage can reduce the durability of the final surface as well as being uneconomical. The surface of the form must be cleaned once the form is opened.

Safety tips while using the form release agent

The steam from this product is harmful to the respiratory system and can be allergic in contact with the skin. Therefore, it is necessary to use a suitable gown, goggles, and mask while working and take the following tips into consideration:

- Blink in water for at least 15 minutes in case of eye contact
- Wash your skin with clean water for 15 minutes in case of any contact with the skin
- The contaminated clothes must be washed with suitable detergents to be usable for further work.
- It is necessary to visit a doctor if the injured individual still feels uncomfortable

Transportation and storage of the release agent

The conditions and maintenance temperature of transportation

The allowable transportation and maintenance temperature of this product is between 5 and 25 °C. It is also necessary to consider the following tips:

- Avoid putting the container having the admixture in direct exposure to sunlight.
- Avoid putting this product in a cold place since it leads to demulsification and destabilizes the product.

The agent lifetime

If the containers of this product are conserved and stored in a standard condition, they will be usable for 12 months. Mix well before when using.

The packaging of the form release agent

This product is supplied in 20 Kg gallons and 210-liter barrels.

Complementary information

Contact the technical section of Capco Company for complementary information.