

# OPLATIN-VK

*Universal emulsified formwork release oil*

## Field of application:

For protection and release of formwork upon execution of concrete works. It is intended for steel, plastic and impregnated wooden formworks in any concrete structure, especially in structures made of fair-faced concrete. It can also be used in the manufacture of precast concrete elements produced by steam curing. Before use, the material should be prepared with water.

## Properties:

- Enables easy release of the formwork from the concrete;
- Does not leave stains on the concrete surface;
- Provides better appearance of the concrete surface;
- Economical;
- Does not release any bad odour;
- Easy to apply by hand, as well as mechanically;
- Eco-friendly; does not contain harmful volatile components;
- Non-flammable.

## Technical features:

| Property:   | Declared value:              |
|-------------|------------------------------|
| Appearance: | yellow liquid                |
| Density:    | 0,85 - 0,9 g/cm <sup>3</sup> |

## Method of application:

### Substrate preparation:

The surface of the formwork should be dry, clean and dust-free. The ambient temperature during application should be 0°C to 35°C.

### Application:

Before use, Oplatin VK should be mixed with water in ratio of 1:1 until a completely uniform mixture is obtained. The material can be applied manually by using a brush or paint roller, or mechanically by spraying the formwork release oil over the surface of the formwork to produce a uniform layer. Once it has been applied, Oplatin VK should be allowed to stay still for a period of 10 to 20 minutes to lose its colour completely. Depending on the substrate temperature and air temperature, there may be some deviations in this period. If the applied protection keeps its colour during the placement of the concrete, or if it has been applied in thicker layers, this may lead to appearance of stains on the concrete surface or lack of uniform appearance. Concrete placement should be done within a period of 48 hours following the application of Oplatin VK.

## Consumption:

0,015-0,03 kg/m<sup>2</sup>

## Cleaning:

The spraying device, tools and equipment should be cleaned with water immediately after use.

## Packaging:

Plastic containers of 18 kg  
In barrels of 180 kg

## Storage:

In a dry area, in original, closed packaging, at temperature between 5°C and 30°C, protected from exposure to direct sunlight.  
Shelf life: 6 months.

**Health hazards:** The product does not contain toxic ingredients. Avoid contact of the product with the skin. In case of accidental contact, wash it immediately with water and soap. If the material splashes into the eyes, rinse them immediately with plenty of water and seek medical assistance. If swallowed, immediately seek medical assistance.

**Fire:** Oplatin VK is a non-flammable liquid.

**Cleaning and disposal:** Residues of Oplatin VK should be cleaned with water. The old and used packaging should be disposed of in accordance with the local rules and regulations for that type of waste.

**ADING**

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