

## VORMIOL PU WetCast

Item No. 1361

**Highly efficient release agent for polyurethane moulds used in wet-cast productions**

### FIELDS OF APPLICATION

VORMIOL PU WetCast is a solvent-free release agent specially developed for the economical production of wet-cast concrete.

The high-quality emulsion combines the advantages of synthetic products with the benefits of water-based ones. VORMIOL PU WetCast allows the following benefits:

#### > Improved appearance of the surface

Thanks to the new formulation the high-quality release emulsion is particularly suitable for decorative concrete surfaces/ high-quality exposed concrete. VORMIOL PU WetCast attains a low-pore, homogenous appearance.

#### > High material compatibility

VORMIOL PU WetCast protects the sensitive material of the polyurethane moulds and may prolong their durability in a significant way.

#### > Good processing properties

The solvent-free release agent is easy to use, sprayable, quick drying, odourless, non-flammable and non-toxic. These features allow benefits for the manufacturing process.

### DOSAGE

Depending on the surface structure and its absorbing abilities the necessary amount might vary between 10 – 20 g/m<sup>2</sup> and has to be determined for each single application.

### WORKING PRINCIPLE

VORMIOL PU WetCast formulates a good bonding film on formworks and moulds with an excellent release effect. The facilitated separation minimises both damages on the produced concrete products and on the formworks/ moulds.

### TECHNICAL DATA

Homogeneity	homogenous
Colour	colourless to yellowish
State	liquid
Density	1.01 ± 0.02 g/cm <sup>3</sup>
Workability	from +1 °C
Shelf life	approx. 1 year from date of production if stored properly
Storage conditions	Stored in unopened, original sealed packaging between + 5 °C and + 25 °C. Protect from frost and insolation.

## PROCESSING INDICATIONS

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Surfaces of formwork or mould should be dry, clean and free of loose particles. Contaminations have to be completely removed.

VORMIOL PU WetCast is a ready-to-use agent and should be applied evenly to the complete surface in order to form a homogenous coat on the formwork/mould. A suitable spraying system should be used for the application.

Stirring up, circulation or agitation is recommended before applying the product.

**Caution: The product is sensitive to cold temperatures. Do not use after frost exposure!**

This product is not classified as hazardous according to the CLP regulations. See safety data sheet for further information.

## PACKAGING

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- 30 l can
- 200 l barrel
- 1000 l container

## REMARKS

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This information describes the application- and processing possibilities of a product and its operation principles under regular conditions. Having no influence on the further application and processing, especially in conjunction with other construction materials, the given indications are neither a warranty in respect of the product's properties or its fitness for a particular purpose nor a full instruction of use. This information, any other recommendation or verbal advice are not binding and do not infer to any liability or legal demand.

Due to continuous further development, the most recent Technical Data Sheet is valid and will be supplied on request. All orders are accepted subject to our current general terms and conditions.

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**SUITABILITY- AND PRE-TESTS ARE NECESSARY BEFORE APPLYING THE CONCRETE ADMIXTURE.**