

# VORMIOL EMM10

Item No 1337/E

**Economical release agents for the universal use in concrete applications**

## FIELDS OF APPLICATION

VORMIOL EMM10 is an economical form release agent for the universal use in concrete applications. The product is suitable for precast and pipe concrete as well as for construction sites.

The high-efficient product is versatile and allows the application on the following substrates:

- Steel forms and moulds
- Plastic forms and moulds
- Wooden forms and moulds

The special formulation is suitable for concretes with high visual requirements and provides the following benefits:

- Reduced sticking of concrete
- Ideal for visual demanding surfaces
- Easy application with can accelerate the production process
- Easy cleaning
- Ready-to-use product
- Easy handling

The sensitive product formulation preserves the boards and moulds. This can result in an enhanced durability and increased shelf life.

## APPLICATION QUANTITY

Depending on the surface structure and its absorbing abilities the necessary amount might vary between 100 – 240 g/m<sup>2</sup> and has to be determined for each single application.

## WORKING PRINCIPLE

VORMIOL EMM10 works chemically/physically. It provides very good adhesion to the formwork and simplifies the separation between concrete and the formwork.

## TECHNICAL DATA

Homogeneity	homogenous
Colour	milky
Chemical base	highly refined hydrocarbon
State	liquid
Density	0.99 ± 0.02 g/cm <sup>3</sup>
pH-value	6.5 ± 1.0
Workability	from +1 °C
Shelf life	approx. 1 year from date of production if stored properly
Storage conditions	Store under cover, out of direct sunlight and protect from extremes of temperature.

## PROCESSING INDICATIONS

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

VORMIOL EMM10 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. A suitable spraying system should be used.

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

## PACKAGING

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

## HEALTH & SAFETY

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This product is not classified as hazardous according to the current regulations. Refer to the corresponding Material Safety Data Sheet for further advice.

## 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 indication 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.

The management system of Ha-Be Egypt is certified to ISO 9001:2015.



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