

# VARIOL UNIVERSAL

Item No 1310

**Universally applicable form release agent for the concrete industry**

## FIELDS OF APPLICATION

VARIOL UNIVERSAL is a form release agent for a facilitated stripping of concrete from mould, boards and formwork.

VARIOL UNIVERSAL is suitable for all wooden, metal and plastic formwork and can be applied to heated ones.

VARIOL UNIVERSAL allows an easy stripping of and enables the production of high quality concrete surfaces with reduces blowholes, pores and spots.

## APPLICATION QUANTITY

Depending on the surface structure and its absorbing abilities the necessary amount might vary and has to be determined for each single application.

**For metal and plastic formwork**  
 approx. 15 – 20 g/m<sup>2</sup> are recommended

**For wooden formwork**  
 approx. 25 – 50 g/m<sup>2</sup> are recommended

## WORKING PRINCIPLE

VARIOL UNIVERSAL works chemically/physically. The synergy between the contained additives and solvents generates an excellent separating effect. The reduced adhesion between concrete and formwork minimises both damages on the produced concrete products or elements and on the formworks.

VARIOL UNIVERSAL contains anti-corrosive additives which decrease the corrosion risk on steel moulds and allow an extended usage period of them.

## TECHNICAL DATA

Homogeneity	homogenous
Colour	light yellowish
Chemical base	hydrocarbon
State	liquid
Density	0.78 ± 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	Store in unopened, original sealed packaging between +5 °C and +25 °C. Protect from frost and insolation.

## PROCESSING INDICATIONS

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

VARIOL UNIVERSAL is a ready-to-use agent and should be applied thinly and evenly to the complete surface in order to form a homogenous coat on the formwork. A suitable spraying system should be used for the application.

The stripped concrete surfaces can be used for further coatings like plaster, because concrete's adherence is only insignificantly influenced.

This product is classified as hazardous according to the CLP regulations. See safety data sheet for further information.

## PACKAGING

- 5 l can
- 200 l barrel

## REMARKS

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.

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