



**Additive for refining and hardening slump concretes**

**MULTIPHOB H2O BIV**

Art. – No. 07.104.

**APPLICATION AREA:**

- To create high-quality mechanically compressed, coloured concrete goods particularly in the consistency range F3 to F4.
- To produce coloured concrete goods.
- MULTIPHOB H2O BIV can be supplied in various variants that are based on the raw materials being used. Establish the correct variant by carrying out an initial test.

**CHARACTERISTIC:**

MULTIPHOB H2O BIV brings about a chemical reaction with the basic components of the concrete and ensures a hydrophobic lining of the capillary pores.

In concrete, concrete hardening agent MULTIPHOB H2O BIV causes

- a considerable reduction in primary and secondary efflorescence and a considerable increase in the resistance to frost and de-icing salt.
- a significant colour intensification in coloured concrete goods.
- A lubricating effect on account of the plasticizing components, enabling concrete goods with closed lateral surfaces and sharp-edged profiles to be produced.

**TECHNICAL SPECIFICATIONS:**

Raw material basis:	Fatty acid soaps
Colour:	Milky white
Form:	Liquid
pH value:	8.0 ± 1.0
Density (at 20 °C):	1.00 ± 0.02 g/ml
Processing temperature:	Over + 5 °C
Durability:	c. 12 months
Storage:	Protect from sun and frost; protect from contamination

**DOSAGE:**

Recommended dosage: 0.5 – 2.0 M% of cement weight.  
The necessary amount is based on the required concrete properties and must be ascertained by means of an initial test.



# TECHNICAL DATA SHEET



## PROCESSING INFORMATION:

- MULTIPHOB H20 BIV should be added to the already pre-mixed concrete.
- Do not add to the dry mix.
- Always ensure an adequate mixing time.
- When using core concrete and face concrete, the additive must be added to both mixes in order to ensure a reliable effect.

## WORK SAFETY:

- Not a hazardous substance in accordance with the Ordinance on Hazardous Substances
- Not hazardous goods as defined by transportation directives
- WHC 1 (self-assessment) little risk of pollution
- Observe safety data sheet

## FORM OF DELIVERY:

30 kg PVC can - gfn  
230 kg Poly drum gfn  
1000 kg Container net  
Tanker delivery upon request

## NOTE:

Always observe general work hygiene when using our products. The raw materials we process and the products we produce are subject to strict factory inspections. We reserve the right to make changes that signify a technical advance. All the information applies to the normal case scenario, and has been given to the best of our knowledge. We cannot be held legally liable as a result of the information included in this leaflet. It is stressed that our products and the procedure must be tested for suitability with your circumstances.

EFFECTIVE: 07/15

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