



**Additive for refining semi-dry concretes with hydrophobic effect**

**MULTIPHOB H6**

Art. – No. 07.113.

**APPLICATION AREA:**

- To create mechanically produced, one-course and coloured concrete goods or face concrete for concrete goods (semi-dry consistency C0 – C1), like for example, concrete paving blocks, pavement flags, limiting elements and palisades.
- To produce essentially efflorescence-free concrete goods.
- To produce coloured concrete goods.
- If you use MULTIPHOB H6 you do not have to use any superplasticiser in addition.

**CHARACTERISTIC:**

MULTIPHOB H6 brings about a chemical modification of free calcium-ions and a hydrophobic lining of the capillary pores.

In concrete, MULTIPHOB H6 causes

- hydrophobic reaction of the capillary pore system.
- reduction in efflorescence and an increase in the resistance to frost and de-icing salt.
- significant colour intensification in coloured concrete goods.
- lubricating effect on account of the plasticizing components, enabling an increase in the surface quality, and so as to positively influence the removal process.

**TECHNICAL SPECIFICATIONS:**

Raw material basis:	Fatty acid soaps
Colour:	Transparent yellow
Form:	Liquid
pH value:	9.0 ± 1.0
Density (at 20 °C):	0.99 ± 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: 1.0 – 2.5 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 H6 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  
210 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

