



## Efflorescence reducer for earth-dry concrete with beading effect

### MULTIPHOB H7

Art. – No. 07.117

#### APPLICATION AREAS:

- To produce machine-made, coloured and single-layer concrete products or face concrete for concrete products with a consistency range of CO – C1, like, for example, concrete paving stone, flagstones, bordering elements and stockades.
- To produce essentially efflorescence-free concrete products.
- To produce coloured concrete products.

#### PROPERTIES:

MULTIPHOB H7 brings about a chemical modification of free calcium ions and a hydrophobic cladding of the capillary pores.

In concrete, MULTIPHOB H7 causes

- significantly noticeable hydrophobation of the capillary pore system with a beading effect.
- considerable reduction in efflorescence and an increase in the resistance to frost and de-icing salt.
- evident colour intensification with coloured concrete products with a significantly reduced risk of moss growth.
- lubricating effect due to the plastifying components, thereby creating a quality-enhancing surface and sealing whilst positively influencing the stripping behaviour.

#### TECHNICAL SPECIFICATIONS:

Basic raw materials:	Organosilane
Colour:	White
Form:	Liquid
pH value:	7.5 ± 1.0
Density (at 20 °C):	1.0 ± 0.02 g/ml
Processing temperature:	Above + 5 °C
Shelf life:	Approx. 12 months
Storage:	Store away from direct sunlight and frost. Protect from impurities

#### DOSAGE:

Recommended dosage: 0.5 – 2.0 M % of the cement weight.  
The necessary quantity of the additive is based on the required concrete properties and must be established based on an initial test.



## PROCESSING INSTRUCTIONS:

- MULTIPHOB H7 should be added to the already pre-mixed concrete.
- Do not add to the dry mix.
- Always ensure sufficient mixing time.
- When using core concrete and face concrete, the additive should be added to both mixes so as to guarantee reliable effectiveness.
- When using MULTIPHOB H7 in face concrete and a product of the MTC Compacting Systems or MTC Multi/Function Systems in core concrete, it is necessary to conduct suitability tests to ensure the compatibility of the products prior to use.
- The addition of concrete fluidifiers is not necessary if using MULTIPHOB H7.

## WORK SAFETY:

- Not a hazardous substance as defined by the ordinance on hazardous substances.
- Not hazardous goods as defined by transport regulations.
- WHC 1 (self-assessment) little risk of pollution.
- Please refer to the safety data sheet.

## FORM OF DELIVERY:

30 kg PVC can - gfn  
Poly container gfn  
1,000 kg Container net  
Tanker delivery upon request

## NOTE:

The raw materials we process and the products we produce are subject to strict factory inspections. The remote monitoring is carried out by state testing laboratories. All the information applies to the normal case scenario, and has been given to the best of our knowledge. The values stated could vary in view of fluctuating physical parameters. Therefore, the product and the procedure must be tested for suitability with the expected site conditions. The sand and cement quality, mixing conditions and processing in accordance with the recognised rules of concrete technology are fundamental to the quality of the concrete. We cannot be held legally liable as a result of the information included in this leaflet. Always observe general work hygiene when using our products. We reserve the right to make changes that signify a technical advance. EFFECTIVE: 07/15