



Additive for hardening semi-dry concretes with hydrophobic effect

MULTIPHOB H 5 / BE 55

Art. – No. 07.114.

APPLICATION AREA:

- For the production of high quality machine manufactured concrete goods (consistency C0 – C1), such as concrete paving stones, sidewalk flagstones, boundary elements, and palisades.
- For the production of colored concrete goods
- For the production of quick releasing and deliverable concrete goods.
- By using MULTIPHOB H 5 / BE 55 the additional application of plasticizers becomes unnecessary.

CHARACTERISTIC:

MULTIPHOB H 5 / BE 55 causes a chemical modification of free calcium ions and a water proof finishing of the capillary pores.

MULTIPHOB H 5 / BE 55 facilitates

- the reduction of primary and secondary efflorescence and an increased resistance to frost and de-icing salt.
- an increase in the intensity of colored concrete goods.
- an increase in green bonding and initial strength enabling the early release of the concrete goods for transportation.
- a lubricating effect through plasticized components allowing for an increase in the quality of surface sealing enabling the quick removal of forming.

TECHNICAL SPECIFICATIONS:

Raw material base	Fatty acid soap
Color:	white - bluish
Form:	liquid
pH - value	9.0 ± 1.0
Density (at 20 °C):	1.02 ± 0.02 g/ml
Settling temperature:	over + 5 °C
Shelf life:	approx. 12 months
Storage:	do not expose to sunlight and frost during storage; protect against contamination



TECHNICAL DATA SHEET

DOSAGE:

Recommended dosage range: 1.0 – 2.5 M-% of the cement weight.
The required amount of additive is based on the concrete characteristics in demand and must be determined during an initial test in accordance with BS EN 206-1.

PROCESSING INFORMATION:

- MULTIPHOB H 5 / BE 55 should be added to the premixed concrete using suitable spray jets.
- Do not add to the dry mixture.
- Sufficient mixing time must be ensured under all circumstances.
- When using coarse concrete and shell lime, the additive should be added to both of the mixtures in order to ensure a reliable effect.

WORK SAFETY:

- not a hazardous material according to the ordinance on hazardous substances
- not a hazardous material in terms of the transportation guidelines
- WGK 1 (self classification) low hazardous to waters
- observe the 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