

# PLASTOLITH - HP4

## Novel Admixture for Concrete Flags

### Product

**PLASTOLITH HP4** is a novel admixture for the improvement of concrete flags, produced by hermetic process (e.g. Henke, Ocem etc.) and in the production of coloured concrete flags made from slump concrete. The use of **PLASTOLITH HP 4** in the concrete mix results in a hydrophobic coating of the capillaries by forming pore-sealing substances with the cement constituents. The migration of efflorescence-forming calcium-hydroxide to the surface is reduced considerably. Performance of the pigments, uniformity and durability of the coloured concrete surface is improved.

### Features

- Improvement of Intensity and Durability of Pigment Performance
- Reduction of Efflorescence

### Mode of Use

**PLASTOLITH-HP 4** may be used in the in the face mix of concrete flags produced with hermetic process (e.g. Henke, Ocem etc.) **PLASTOLITH HP 4** has to be added together with the mixing water. A sufficient time of mixing of at least 30 sec., better 60 sec, is important for the entire distribution of **PLASTOLITH HP 4** in the mix.

### Dosage

**10 to 20 ml per kg of cement.**

### Storage

**PLASTOLITH-HP 4** has to be stored free from frost. Frost may irreversibly damage the product. Recommended storage temperature: +5°C to +30°C. The shelf life of **PLASTOLITH HP 4** in original packaging is 1 year.

### Technical Data

Form: liquid  
Colour: white  
Density:  $1,00 \pm 0,02 \text{ kg/dm}^3$   
Chloride Content: less than 0,2 %

### Preliminary Trials

Preliminary trials have to be carried out with the given raw materials and under the prevailing conditions of production and curing in order to verify the expected properties of fresh and hardened concrete.

The information given above is based on our work in laboratory and on practical experience during field work. It is offered without guarantee and no patent liability may be assumed. As we have no direct or continuous control over the final use of the product, we cannot accept any liability arising from the use of the product, whether or not in accordance with any advice, specification, recommendation or information given by us..