

# BPB<sup>®</sup> Hydroplus P

Special admixture

## Industrial use

Product No.: 200028000 ! ATTENTION: NEW PRODUCT NUMBER FROM 2024 !

Product No. until 2023: 209020006

## Product Information:

### Sustainability Assessment:

High level of robustness and safety in concrete production, even with extremely low cement contents

### Properties:

- high impermeability
- capillary poor structure
- reduces the efflorescence tendency and organic growth
- improves the frost resistance

### Application:

for the production of palisades in the vibro-compacting process

Due to its special combination of active ingredients, the additive ensures that the concrete is highly watertight - but the breathability or water vapor permeability is not impaired. The additive is economical to use and easy to use and process.

Efficiently lowering the clinker factor makes it possible to reduce CO<sub>2</sub> emissions.

A reduction in the clinker factor in cement from 0.73 to 0.5 means a reduction of > 200 kg/CO<sub>2</sub> per tonne of cement (calculation basis = approx. 750 kg to 800 kg CO<sub>2</sub> per tonne of clinker).

The use of stabilizers can maximize CO<sub>2</sub> reduction in conjunction with highly effective superplasticizers. In this way, CO<sub>2</sub> emissions can be reduced by up to 25%.

It is added to the concrete mix at the same time as the mixing water or directly to the dry mix.

### Dosage:

0.2 - 0.5 wt.% of the binding agent content

The quantity to use depends on the required effect, cement grade and type of concrete.

Please call us for technical advice.

Prior to use, a suitability test according to EN 206-1 or any applicable standards or norms relevant in your country is required. If used together with other concrete admixtures, a compatibility test is imperative.

### Specifications:

Appearance:	liquid
Colour:	milky
Density:	1.00 ± 0.02 g/ml

### Storage:

Under normal storage conditions (closed container, 20 °C) minimum shelf-life 12 months  
Protect from frost, direct sunlight and contamination.

### Packaging:

Containers 1025 kg, Barrels 210 kg, Canisters 20 kg  
Other delivery quantities on request

**Safety Rules:**

See EC safety data sheet.

The product should only be used with suitable protective gloves (EN 374) and safety goggles (EN 166).

When used, ensure good ventilation (5 to 15 air exchange per hour).

**Assistance:**

Please contact our Technical Application Centre.

**Industrial use:**

Recommended frequency and duration of use:

480 minutes/day

200 days/year

**Environmental Exposure:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or the sewage system.