

BPB[®] PLASTIMIX BV

Plasticiser

Industrial use

Product No.: 230055000 ! ATTENTION: NEW PRODUCT NUMBER FROM 2024 !

Product No. until 2023: 239010011

Product Information:

Sustainability Assessment:

> 80% of the active ingredient content from renewable raw materials

Reducing the water-cement ratio and increasing the durability of the concrete

Properties:

- more homogeneous concrete mix
- concrete is easier to process and more ready to compact
- more dense concrete structure
- improves the green bond and final strength
- colour intensification

Application:

face concrete in the production of paving stones, one-layer concrete products made of lightweight and heavyweight concrete

The additive increases the compressive strength and is mostly used for body concrete in the production of concrete products in the semi-dry consistency range.

Efficiently lowering the clinker factor makes it possible to reduce CO₂ emissions.

A reduction in the clinker factor in cement from 0.73 to 0.5 means a reduction of > 200 kg/CO₂ per tonne of cement (calculation basis = approx. 750 kg to 800 kg CO₂ per tonne of clinker).

Is added together with the aggregates or, if the aggregates are highly absorbent, to the finished concrete mix.

In the case of very dry or highly absorbent aggregates, the addition is made with the mixing water.

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:	honey-yellow
Density:	1.01 ± 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 1050 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.

Must not get into the sewage water undiluted or unneutralized.