

BETOPHOB LP (BV)

WATER-REPELLENT Admixture with ANTI-ADHESIVE EFFECT according to EN 934-2:T2
Product No.: 05000-0200

Product Information:

Properties:

- reduces efflorescence
- avoids sticking to the ram
- plasticizing
- high impermeability
- capillary-poor structure
- freeze-thaw resistance is improved

Application:

for concrete products, exposed concrete

BETOPHOB LP (BV) is mainly used as a water-repellent concrete admixture for paving stones and concrete slabs in the vibrating press procedure. Based on the combination of special substances the impermeability of the concrete is increased; resulting in a capillary-poor structure and mass water repelling property of the concrete products. The tendency of efflorescence and the organic growth (moss, algae) on the concrete surfaces is reduced. The frost resistance is also improved – but the permeability to water vapour is not affected.

In addition BETOPHOB LP (BV) reduces the sticking effect of the used binding agent in the concrete mixer and during compaction of the fresh concrete.

Conventional dosing directly onto the aggregate is possible. However, the optimum effect is achieved when the product is dosed onto the finished mixture. The post-mixing time should be at least 30 seconds.

Dosage:

Recommended dosage: 0.5 - 2.0 mass % of the binding agent content

The quantity to use depends on the required effect, cement grade and type of the 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:	white to slightly yellowish
Density:	1.00 ± 0.02 g/ml
Air Pore Content:	4.1 % above the control mixture according to EN 934-2: T2

Storage:

Protect against frost and dirt. Under normal storage conditions (closed container, 20 °C) minimum shelf-life 6 months. If stored > 2 months, the product has to be stirred prior to use.

Packaging:

Container 1025 kg, drums 210 kg, can 20 kg
Further 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.