

Silbond BET

Properties: Silbond BET is an ecological additive for the production of concrete, concrete construction components, concrete floors and other construction material. It chemically alters a classical concrete mixture into hard, permanently dust-free concrete, without calcium efflorescence and with higher water resistant properties. The concrete is resistant against the formation of mould, the growth of algae, yeast cells and the like. Due to very low VOC **Silbond BET** is usable in schools, marketplaces, hospitals, sport/recreational or industrial halls. It is a clear or slightly turbid low viscosity liquid.

Parameters:

	Silbond BET
pH	min. 10
Content of active substances (%)	min. 27
Density [kg.m ⁻³]	min. 1 240
Viscosity [mPa.s]	max. 55

The advantages of adding **Silbond BET** :

- against the formation of mould, the growth of algae, yeast cells and the like.
- dosage: 2 - 5% by weight of cement
- Prevents calcium efflorescence.
- Higher resistance to water.
- Increases resistance to abrasion, which extends the service life and integrity of the concrete.
- Extremely low VOC content.
- Lowers the absorption of water and therefore the perspiration of concrete.
- Chemically reacts with most construction materials and forms insoluble silicate.
- Reduces dust dispersion.
- Accelerates the setting of the concrete.
- A water based product, does not contain any dissolving agents, is odour free.
- Is compatible with most flexible adhesives.
- To increase the properties of a concrete surface it is possible to use products from our Litosil line:

http://www.vodnisklo.cz/data/pdf/Litosil_2019_.pdf

http://www.vodnisklo.cz/data/pdf/Litosil_info..pdf

**Package:**

- plastic barrels 50 and 200 l
- IBC containers 1 000 L
- tankers 24 t

Transport and storage: Silbond BET can be stored and transported at temperatures exceeding + 5°C in closed packages.

Occupational health and safety: Based on the 1272/2008 ES regulation, **Silbond BET** is not classified as dangerous substance. During work, use protection gloves, face shield, rubber clothing, rubber apron, and footwear as a prevention.

CAS No.: 12627-14-4

Protection and work safety: SAFETY DATA SHEET

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