

BETOLITH

LITHIUM-SILICATE BASED CONCRETE
SEALER, DENSIFIER AND HARDENER



Description

BETOLITH concrete densifier and chemical hardener compound is a ready-to-use, clear lithium-silicate based liquid, formulated with chemically reactive raw materials to harden and dustproof concrete. This waterborne solution, when properly applied, offers substantial improvement in abrasion and chemical resistance and will significantly improve the durability of the concrete surface when compared to untreated concrete. BETOLITH penetrates deeply into the concrete surface and reacts with the concrete to produce insoluble calcium silicate within the concrete pores. The increased surface hardness imparted by BETOLITH reducing dusting and simplifies maintenance producing cleaner and healthier environment.

Features/advantages

- ready to use
- easy to apply
- dust proofer
- curing effect
- increasing wear resistance
- colourless
- improving chemical resistance
- provides a permanent, attractive sheen with the ability to polish
- VOC compliant

Use

Use on any horizontal or vertical concrete surfaces, interior or exterior where a higher abrasion resistant and dustfree surface is needed.

- warehouses and industrial plants
- food processing plants
- stores and shopping centres
- parking areas
- gas stations
- offices and multiresidential buildings

Technical data

material:	liquid
colour:	clear, colourless
density:	1,08 g/cm ³
consumption:	0,08 – 0,15 l/m ²
PH:	11

How to use

The concrete surface must be clean and free from small particles. Before applying BETOLITH, the surface must be free from water puddles. Saturate the surface uniformly with undiluted BETOLITH by sprayer. Pay particular attention to porous and/or dry areas. These areas must be kept wet at all times with BETOLITH. Remove puddles if there is too much product.

Normally one coat is sufficient, however, on porous rough-textured, or broom-finished surfaces, a second application may be required.

Standard spraying equipment with suitable nozzles is fit for applying BETOLITH. All equipment should be cleaned carefully with water after use.

For additionally planned paints or coats on organic basis, e. g. acrylic resin, prior tests are indispensable.

Packaging

5l ja 25l canister

Health and Safety

BETOLITH is non-combustible. (Flash point is greater than 210)

Causes skin irritation. Wash affected areas with mild soap and water. Remove contaminated shoes/clothing. Seek prompt medical attention.

Causes serious eye irritation. Immediately flush eyes with water for 15 minutes. Seek prompt medical attention.

Inhalation. Not expected to be an exposure route as supplied. If respiratory symptoms develop, seek medical attention.

Ingestion. Dilute with liquid unless the victim is unconscious or very drowsy. Do not induce vomiting. Seek immediate medical attention.

Personal protective equipment are safety glasses and chemical resistant gloves.

Limitations

- prevent product from freezing
- failure of remove all excess material from surface may result in unsightly white stains
- For best results concrete floors should be treated with BETOLITH 14 - 28 days after placement

Sales

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