



BORELLITH CONCRETE PROTECTION AND COLOUR

ROCK SOLID + ABRASIAN RESISTANT + DUST FREE + LOW MAINTENANCE

Properties

Borellith is a lithium silicate based concrete protection agent that penetrates the concrete more deeply and evenly than potassium and sodium based products.

The Borellith top 10:

- rock solid
- abrasion resistant
- dust free
- low maintenance
- moisture stability
- extremely low absorption
- environmentally friendly
- 20 year warranty
- breathing
- once only application

Borellith concrete protection seals the surface structure of concrete by means of a chemical reaction. The penetration and the reaction take place uniformly. This contributes to the guarantee of a protective sealed and hardened inorganic layer in the concrete.

Borellith is not film-forming and vapour pervious. It is durable, economical in use and is effective under all conditions.

Protection + colour

Borellith is the first lithium-silicate based concrete protection product you can use to add colour to concrete.

In addition to the transparent product, Borellith is also available as Borellith Colour, in 2 standard colours, grey and anthracite.

The pigments used meet the highest possible quality requirements in terms of colour-fastness, light-fastness, alkali resistance, UV resistance, acid resistance and heat resistance.

Just as the lithium silicate in Borellith, the pigments used in Borellith Colour are also on the nano scale, guaranteeing a maximum level of penetration.

Economical protection

Partially thanks to specialisation and low overhead costs, we can supply Borellith at a very attractive cost.

You must be in a position to stand out from the rest, given the increase in the number of products claiming to be a sound concrete protection agent.

With Borellith, Borèl has succeeded in developing a product with all the ingredients required for concrete protection.

An extra product for problems of this nature, a different product for protection and so on is not the way we work.

Why working with Borellith is economical:

- **economical to buy**
low development and production costs
- **All-in-one property**
1 product for multiple problems
- **easy to apply yourself**
labour cost savings

Borellith is available in 20 and 200 litre cans.

Unique advantages

**With Borellith, you have an all-in-one concrete protection agent.
So...no extra costs for the treatment of various concrete problems.**

- **sharp price**
thanks to the pricing and the broader versatility of the applications
- **all-in-one**
a single treatment for many problems, broad versatility
- **colour**
compared to coating: protects, easy to apply and colourfast, indoors and outdoors
- **maximum penetration**
Nano-technology applications are used to provide ultimate surface protection
- **moisture stability**
prevents ASR and concrete damage as moisture cannot swell and shrink
- **breathing**
treated concrete continues to breath, prevents pressure moisture and osmosis problems
- **abrasion resistance**
makes concrete considerably harder wearing

- **hardness**
makes concrete considerably harder
- **absorption**
low absorption levels thanks to the dirt and moisture repelling additive
- **durable solution**
permanent non-soluble compounds
- **dust free**
treated concrete is guaranteed free of concrete dust
- **low maintenance**
permanent moisture and dirt repelling concrete simplifies maintenance
- **minimum wear and tetear**
Borellith does not form a film; it is a fully penetrating impregnation substance
- **short reaction time**
90% of the requirements set for Borellith will be achieved within roughly ten days
- **surface structure**
the smoothness and anti-slip character of the underground are not affected
- **environmentally frifriendly**
water-based concrete protection with no environmentally harmful substances
- **once only application**
a single application is sufficient, touching up is not necessary
- **apply yourself**
application is rapid and easy and is possible under your own management
- **involvement**
Borellith was developed in line with the wishes and problematic issues derived from practical examples
- **quality monitoring**
regular evaluations are held following application
- **20 year warranty**
Borèl has enough faith in their products to give a 20 year warranty if use and maintenance are in line with the procedures

Advice and application

The application of Borellith is very straightforward to execute under your own management. Clearing the area for treatment is not necessary.

Borellith can be applied to existing surfaces and new concrete.

Pre-treatment

The substrate must be clean, dry and free of grease and oil.

It is important that the concrete surface is cleaned as thoroughly as possible in existing situations. The preferred treatment for vertical applications with contamination and lime blooming is to lightly sand the surface with a suitable wall sanding device.

Preferred treatment for contaminated floors is chemical cleansing with a scrub-suction machine / 1 disc machine.

Application

Borellith is easy to apply yourself using a low pressure spray (curing) device, with a (microfiber) roller and or paint brush.

Apply a single coat for a good seal.

You can also apply a 2nd (colour) layer to achieve a more intense colour if you wish.

It is important that there are no puddles on the surface during application.

Roll out any puddles.

Always apply from the bottom up for vertical applications; this helps to prevent stripe formation on the surface.

Properly protect glass and zinc.

The treated concrete surface can be re-commissioned with caution following the drying process.

Service

- *clear and comprehensive instructions for use*
- *we will be pleased to advise you if you have any doubts*
- *Borèl also has special equipment available for you to hire*

Easy maintenance

Intensive floor maintenance is something you want to avoid; it costs time, money and energy. The nature of the Borellith concrete protection means that maintenance becomes a straightforward process

Concrete treated with Borellith is permanently low maintenance.

The daily maintenance is restricted to sweeping and removal of any stains.

We recommend periodic maintenance for large industrial surfaces.

Cleaning with a scrub-suction machine with neutral soap is the quickest method.

Cleaning with a mop is sufficient for smaller surfaces.

This maintenance service is straightforward and can be quickly executed.

A satin gloss will appear on the floor after it has been used for a few months.

Safe and clean manner

Safety and environment are becoming increasingly important aspects in new buildings, maintenance and renovation.

Borellith concrete protection meets all safety requirements and is not harmful to the environment.

Borellith is a lithium silicate based water borne concrete protection product.

Borellith is free of solvents and harmful components and can be applied in any location.

Although it is not necessary, we recommend that proper ventilation is provided in enclosed spaces during application.

Furthermore, we advocate the use of rubber gloves, boots, overall, safety glasses and dust mask during application.

The tools used can be rinsed with water after use.

The following safety symbols apply.

S 24/25 Avoid contact with eyes and skin

S 26 Rinse immediately with copious quantities of water in the event of contact with the eyes

S 28 Rinse with copious quantities of water in the event of contact with the skin

S 37/39 Wear suitable gloves and eye protection

Want to know more?

Convince yourself of the quality of Borellith.

Borèl will send you a free test package in transparent, grey or anthracite.

Call us or send us an e-mail if you are interested in receiving a test sample.

We will contact you within 2 working days in order to discuss the dispatch details for your test package.

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Borellith is a concrete protection product of Borèl BV

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