

Concrete CONS-Li

Let's shine

Densifier for concrete surface based
on lithium with a high concentration of solid

CHARACTERISTICS

CONCRETE CONS-Li is a pure impregnating denser system based on a last generation lithium silicate modified, ideal for treatment, hardening and polishing of surfaces in concrete. **CONCRETE CONS-Li** is a lithium concentrated solution which is easily applicable; it penetrates in the material creating insoluble compounds with high chemical and mechanical resistance capacity, increasing the treated surface's hardness and compactness, giving them anti-dust proprieties.

Thanks to the high active content of solid matter, the product is dilutable in water at variable ration from 1:1 to 1:10, the obtained solution results being very compatible with the volume of the porosities that are present on overage in concrete surfaces, in fact the extremely reduced molecular dimension ensures a good ratio penetration / densification. **CONCRETE CONS-Li** is able to improve: the resistance to penetration both for liquids and stains and the resistance to abrasion and wearability; therefore, it increases the treated surface's durability; when it is correctly applied it does not change the floor's coefficient of friction.

HOW TO USE

PREPARATION OF THE SUPPORT: the treatment must be accomplished on a cement which has dried for almost 28 days, a well cleaned surface dried in touch. Every trace's residue of membranes and film turned treatments must be removed mechanically from the surface; cracks must be sealed and damaged zones must be restored. Any sealant, oil, grease, dirty, dust and residues must be removed firstly taking care to eliminate every residue which could stop a good penetration of the product; for the basic wash it must be used a non-caustic alkaline degreasing cleaner like **BETON REFRESH** or **CLEAN SPECIAL** therefore the treatment must be applied on a completely dried surface.

Let's shine

is a line:

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Concrete CONS-Li



25 kg



1000 kg

PREPARATION OF THE PRODUCT: the product is available in both concentrated and ready-to-use versions: **READY-TO-USE:** the product does not require dilution and is ready to be used as received; **CONCENTRATED:** thanks to its high solid content, the product can be diluted from 1:1 up to 1:10 in distilled water, depending on the operator's assessment.

APPLICATION: apply **CONCRETE CONS-Li** with a thin and uniform coat till the substrate is fully covered, use for the application a low-pressure nebulizer, then uniform with a spreader or a fleece with a microfiber buffer taking care to lay eventual accumulations of the product. It is necessary that the product does not dry out before it has penetrated in the deep, therefore the surface must be kept wet and treated for almost 20 minutes adding more product if necessary, in the event that the absorption of the liquid results delayed, it is recommended to slightly temper the treated surface misting small quantities of water through a nebulizer, without exaggerating so that the treatment is not excessively diluted. Therefore, avoid to create wet and dried zones during this time interval. Remove an eventual part of the liquid which has not been absorbed and let the surface dry out well, for following smoothing and polishing cycles of the concrete it is recommended to allow sufficient time of drying for almost 12/24 hours before starting an abrasion of the surface. Therefore, it will be possible to proceed polishing with a monobrush equipped with suitable felt pads, or it could be possible to pass to another phase of smoothing/ polishing with scraping retinoids, considering a cycle of granulometry grains 100 to 800, till the obtaining of the desired result. It could further be applied, if it is considered necessary to increase the shininess and to reinforce the protection, the polishing trim based on nano lithium **ULTRA SHINE PRO** or the product **SUPER SHINE**.

This is a treatment for internal surfaces, it must not be applied at a temperature inferior to 10°C and, in case of higher temperatures it could be useful to wet the surface in advance with water avoiding the product dries too fast. When the product is applied in a too cold or humid environment, it slows down the drying of the product.

ATTENTION

Be careful to avoid the contact with improper surfaces, in the event that the product comes into contact with: glass, tissues, metal or painted surfaces, clean immediately the parts with a towel damped with water and then dry them with a clean towel.

INDICATIVE COVERAGE

Coverage can vary from 100 to 250 gr/m².

STORAGE

The product must be stored in the original containers, tightly sealed, at a temperature between 10°C and 30°C, protect from direct sunlight and from frost and in ventilated areas. In these conditions the product has a duration of 12 months from the date of the delivery note. If the material will be kept in storage beyond the recommended stability period, it will not necessarily be considered unusable but a quality control must be performed on the characteristics relevant to the application.

LIMITS OF RESPONSIBILITY

We decline all responsibility for work and damage which might result from improper or incorrect use of the product. The indications supplied with our product specifications and instructions for use are the results of accurate laboratory tests and experience in the field. However, as it is not possible to forward other evidence, when the products are used, these indications shall not be binding and do not imply liability on our part. As well as following good working practices, before applying the product we recommend you read the safety recommendations and the directions on the package.

For the best professional results, it is advised to test a small area first, for compatibility with the surface to treat and the desired effect. This preliminary testing is also useful to determine the consumption according to the characteristics of the material the product will be used for and to the type of processing. The reproduction, even partial of this product sheet is forbidden. The data refer to the standards in force at the time of printing, 2013. The company reserves the right to make any changes without notice.

PRODUCT FOR PROFESSIONAL USE

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