



Coren

Let's shine

**Thickener based
on concentrated modified sodium**

CHARACTERISTICS

COREN is a last generation treatment based on modified sodium; thanks to this agent it reinforces and protects concrete surfaces which are treated, keeping the high alkalinity which is normally present in densified products based on sodium, therefore it limits the possible natural contraindications caused by this kind of products.

COREN is ideal for industrial floor's protection, underground parking, garages and wherever it is necessary to increase the resistance to aggressive liquids and scratches. With the application of the product, it starts a reaction between salts and minerals in the concrete which is followed by forming an extremely hard calcium silicate hydrate. The crystalline structure formed by reaction will stop the passage of water, making possible the perspiration in the treated surfaces which become partially hydrophobic.

HOW TO USE

PREPARATION OF THE SUPPORT: the treatment must be accomplished on a cement which has dried for almost 28 days, on well cleaned dry in touch surfaces. Every residue of membranes and filming treatments must be removed mechanically from the surface; all 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 the non-caustic alkaline degreasing cleaner **CLEAN SPECIAL**, therefore the treatment must be applied on a completely dry surface.

PREPARATION OF THE PRODUCT: the product is available both in concentrated and ready-to-use versions. **READY-TO-USE:** It can be used as supplied or diluted at a ratio of 1:1 to 1:3 with distilled water. **CONCENTRATED:** It can be diluted from 1:8 up to 1:14 depending on the operator's assessment.

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is a line:

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25 kg



1000 kg

APPLICATION: once the compound is ready apply it with: low-pressure nebuliser, impregnating roller, rubber putty knife, spreader or others appropriated tools, the product must be applied wet-on-wet in two coats, the time between one coat and other depends on environmental temperature, approximately 5-15 minutes, until completely saturated. It is recommended to care about formation of dry zones during the treatment. The complete saturation is obtained after 20-30 minutes.

Whenever the surface starts forming a gel layer, it is recommended to remove the excessive product which has not been absorbed as, otherwise, it could form unsightly results. The treatment is considered for internal use, it must not be applied at a temperature which is inferior to 5°C and, in the event that temperatures are too hot, it could be useful to moisten the surface with water in advance, in order to avoid that the product dries too fast. In the event that the product is applied in a too cold or humid environment, these conditions slow down the dry of the product; whenever an hour has passed since the moment of the application and the floor is too wet, it is recommended to wash the surface with an automatic floorwashing machine to remove the excessive product.

TIME OF DRYING

Contact with water	after 6 hours
Walkability of the surface	after 24 hours
Heavy traffic	after 24 hours
Full resistance to liquids which are more aggressive is reached	after 36 days

CAUTION

Try to avoid the contact with surfaces whose product is not destined, in the event that COREN comes into contact with: glass, tissue, metal or painted surfaces, clean immediately the interested parts with a towel damped with water, therefore dry them with a clean towel. Make sure of having the last update of the technical datasheet and the safety datasheet; please, read the informations before the use of the product.

INDICATIVE COVERAGE

From 0.15 to 0.3 lt/m², according to the absorbing capacities of the surface whose it is destined, accomplish a test sample to evaluate the performance.

STORAGE

The product has a duration of 12 months if stored in well sealed containers in a fresh, dry environment at temperatures between +5°C and +25°C.

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.

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PRODUCT FOR PROFESSIONAL USE