

Protex K100

Let's shine

Hybrid system-based thickener
for concrete surfaces

CHARACTERISTICS

PROTEX K100 is a combined densifier system based on a last generation of modified sodium silicates and potassium silicates for the treatment, the hardening and the polishing of concrete surfaces.

PROTEX K100 is a water-based solution easily applicable thanks to the high content of solid materials, therefore it is compatible with the porosities' volume which are present in concrete surfaces, in fact the medium molecular dimension makes it a well-balanced product as regards the ratio of saturation/aggregation with the cement mold, ensuring an optimal hardening of the surfaces and increasing the resistance to abrasion, limiting the creation of dust of the treated surfaces.

HOW TO USE

PREPARATION OF THE SUPPORT: the treatment must be accomplished on a cement which has dried for almost 28 days, on a well cleaned and dry in touch surface. Every trace's residue of membranes and filming 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 the non-caustic alkaline degreasing cleaner **CLEAN SPECIAL**, therefore the treatment must be applied on a completely dry surface, taking care to eliminate dirt and any surface or other protective products that could prevent the correct penetration of the product itself.

PREPARATION OF THE PRODUCT: **PROTEX K100** is ready to use, it is not necessary to diluite it.

APPLICATION: apply **PROTEX K100** with a thin and uniform layer till the substrate is

Let's shine is a line:

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Protex K100



25 kg

fully covered using a low-pressure nebulizer and uniform with a spreader or a fleece with a microfiber cloth taking care to lay eventual accumulations of the product. It is necessary that the product does not dry out before it has deeply penetrated, the surface must be kept wet and treated for almost 20 minutes, add more product if necessary. In the event that the absorption of the liquid is delayed, it is recommended to slightly temper the treated surface misting small quantities of water through a nebulizer without exaggerating so that the treatment will not be excessively diluted. Remove the eventual part of the liquid that has not been absorbed and let the surface dry out in a correct way, for the following smoothing cycles and the polishing of the concrete it is recommended to allow sufficient time to dry for almost 12/24 hours before going forward with the abrasion of the surface.

After having smoothed or polished the floor with resinoid abrasive, considering a cycle of grains from 100 to 800 till obtaining the desired result, it could be applied (in order to increase the shining and reinforce the protection) polishing finishing product based on nano lithium **ULTRA SHINE PRO** or **SUPER SHINE**.

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 in advance with water 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 floor buffer in order to remove the excessive product.

CAUTION

Avoid the contact with improper surfaces, in the event that **PROTEX K100** comes into contact with: glass, tissues, metals or painted surfaces, clean its immediately with a towel dampened with water therefore dry them with a clean towel. Make sure of having the last update of the technical datasheet and safety one; please read the informations before any use of the product.

INDICATIVE COVERAGE

Coverage can vary from 100 to 250 gr/m².

STORAGE

The product has a shelf life of 12 months from the date of the delivery note if the material be kept in storage in a ventilated areas and at a temperature between +10°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

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