ANTIDESLIZANTE

Permanent anti-slip action for vitrified surfaces.

- ✓ **Ready to use.**
- ✓ **Permanent action.**
- ✓ **Quick and easy to apply.**
- ✓ **It does not change the colour.**
- ✓ **Suitable for indoor and outdoor use.**

Description

Anti-slip is a chemical formulated with inorganic acids, wetting agents and reactive substances, which chemically transform the surface on which it is applied, thanks to a chemo-mechanical procedure, reducing its slipperiness in wet conditions.

In this way, anti-slip treated surfaces increase their slip resistance in wet conditions, this treatment resulting more economical than the installation of a new non-slip floor. In addition, since Anti-slip chemically and irreversibly transforms the surface, its durability is extremely high, contrary to what happens when applying products based on resins and developed for the same purpose.

Therefore, Anti-slip is especially recommended for use on vitrified mineral surfaces, enamelled or highly polished mineral surfaces, such as: ceramic, porcelain, stoneware, mosaic, polished concrete, terrazzo tile, limestone… etc.

Anti-slip does not change the colour of treated surfaces and is suitable for both exterior and interior. The product can also be reapplied to surfaces on which it has been previously used.

Optimal performance and commissioning. Anti-slip is applied and reacts quickly, so Anti-slip treated pavements have a quick service start.

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Application Areas

Anti-slip is effective on most surfaces used in construction, such as: mortars, terrazzo, limestone, stoneware and porcelain tiles, and even on vitrified and enamelled surfaces, such as bathtubs, shower trays… etc. Therefore, it is especially recommended to be applied in moderate to heavy transit areas where slippage wants to be avoided. For example: indoor and outdoor pavements, shower trays or enamelled baths, banks, airports, schools, public buildings… etc.

Anti-slip can also be used before applying paint on ceramic tiles to improve the paint adhesion. It can also be used as a preparatory step for new tiling when the application must be made on vitrified surfaces, to give an adequate adherence to the same.

Physical-Chemical Characteristics

APPEARANCE	DENSITY	pH	YIELD	COMPOSITION
Colourless clear liquid.	1.014 ± 0.01 Kg/L	3.0 ± 0.5	3-8 m^2/ L depending on the type of surface.	Inorganic acids, surfactants, active substances and excipients.

Mode of Application

Anti-slip is a ready to use product, so it does not need to be diluted before applying. Before applying the anti-slip treatment it is strongly recommended to perform a test to check the final surface result and appearance and to adjust the product drying time.

- Initially apply the product to the surface by spraying or mopping.
- Then let it dry for the estimated time in the previous test, (usually a contact time of 5-10 minutes is sufficient). To achieve an optimal homogeneity in the surface finish, it is recommended to work with 15-20 m^2 areas.
- Finally, rinse with plenty of water until the surface has a pH= 7-8.

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Format

Plastic container of 0.5 and 1 L.
Industrial packaging of 5, 30 and 60 L.

Recommendations

The Anti-slip treatments are irreversible, therefore, a pre-test is recommended. The initial condition of the floor/surface can only be returned by mechanical means, such as polishing or buffing.

Although anti-slip does not change the colour of the surface, it reduces its shine even dulling the same.

For optimal effects, after applying the anti-slip, the surface must be rinsed with sufficient water until all by-products generated by the chemical transformation of the surface are removed. If this step is not correctly performed, areas with white spots may remain.

Anti-slip is not effective on synthetic or metallic surfaces such as: vinyl, artificial quartz, PVC, PET... etc.

Anti-slip reduces the slip coefficient, however, the reduction of this coefficient depends entirely on the type of floor and the application mode, so a pre-test must be carried out on each particular application to determine the type of slipperiness obtained after treatment. Generally, with this treatment we will be able to obtain:

- Class C-0 to Class C-1 and C-2 pavements.
- Class C-1 to Class C-2 and C-3 pavements.
- Class C-2 to Class C-3 pavements.

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