

# **GLISS'GUARD®**

## **"Anti dérapant"**



### **SLIP RESISTANT TREATMENT FOR MINERAL SURFACES !**

#### **PRODUCT DESCRIPTION**

**GLISS'GUARD** makes sure that with just a simple application, slippery surfaces become low-slip.

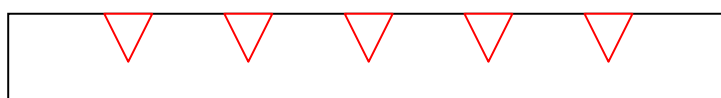
**GLISS'GUARD** can be applied to mineral surfaces, ceramic slabs, concrete, marble, terrazo, tiles, enamel...

The process does not materially alter the nature of a surface.

**GLISS'GUARD** is for use in factories, communal areas, nursing homes, entrance halls, gyms, swimming pool surrounds, pedestrian crossings, kitchens, shower units and bathtubs ... and anywhere the floors are slippery, especially when wet.

All slip resistant products available on the market today mainly use **HYDROFLUORIC ACID**, in a variable percentage.

This component is an extremely corrosive acid whose specific property is to dissolve silica. But, all materials prone to slip are minerals that contain significant amounts of silica, which has a crystal appearance.



**Non-treated support**

When a product with hydrofluoric acid is applied to a surface, these crystals are destroyed and leave holes which create a « vacuum effect ».

The major inconvenience with this sort of procedure is in handling particular dangerous anti-slip

products. Also, it often drastically modifies the surface appearance by rapidly attracting dirt, as the holes fill with soiling and dust.



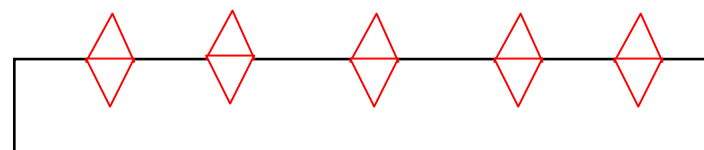
**Support treated with hydrofluoric acid**

**GLISS'GUARD** is a revolutionary product in the sense that it also uses the silica contained in materials, but it proceeds with a chemical reaction that will schematically graft new molecules on the existing ones in the support. This gives an anti-slip effect that is greater and longer lasting with minimal change to the surface.

In addition, **GLISS'GUARD** is a product which is harmless and can be used with ease.

It is 98% biodegradable and its pleasant odour enables it to be used anywhere, even in a closed room.

Moreover, cleaning the supports is much easier than those treated with hydrofluoric acid.



**Support treated with GLISS'GUARD**

## ADVANTAGES AND CHARACTERISTICS

- Non-flammable
- Non-hazardous
- Doesn't contain acid
- Easy to use
- Water-borne product
- Long-lasting effects
- Use both indoors and outside

## PACKAGING

1 and 5 litre containers




## TECHNICAL DATA

Physical State at 20 °C	: Liquid
Appearance	: Colourless
Odour	: Scented
pH	: $4 \pm 0.5$
Boiling point [°C]	: 100 °C
Density	: 1.1 Kg/L
Solubility in water [vol/vol]	: Fully soluble
Flash Point [°C]	: Not applicable

## APPLICATION

### PROCEDURES

- For **concrete, terrazzo slabs**: To be used undiluted( allow to react for 60 minutes)
- For **slabs, porcelain, tiles**: To be used pure undiluted( allow to react for 20-30 minutes)
- For **marble and polished granite**: To be used diluted 1:1 with water ( allow to react for 15-20 minutes)
- **GLISS'GUARD** is ready to use but can be diluted up to 1:1 with water.
- Pour or spray the product onto clean and dry surface applying it with the assistance of a brush or a low-pressure spray. Make sure the product stays present over the complete surface during the treatment. Add product if necessary.
-  **Do not let the product dry during the whole treatment time**
- After treatment, rinse carefully with water
- The treated surface can be used immediately

Depending on the floor and the resistance level to desired scrubbing, begin the operation again.

## COVERAGE

The figures below are approximate and should be used only as a general guideline:

**10 - 30 m<sup>2</sup> / litre**

## CLEANING EQUIPMENT

- Clean tools and equipment immediately after use with water

## STORAGE

- Keep away from extreme cold, do not store in conditions below 5°C

## RECOMMENDATIONS

- Remove all atmospheric pollution-related dirt from all surfaces to be treated before starting the application
- To obtain the best look and results on application, **GLISS'GUARD** should be shaken before use and must be used only when the temperature of the surfaces to be treated is greater than 5°C
- **On certain surfaces the treatment can change the shine. In all cases, do a test before the treatment. In the event that the shine reduces, dilute GLISS'GUARD with more water and keep the same action time.**
- If the desired anti-slip effect is not obtained after a first application, go ahead with a second
- Do not apply during rainy or very hot weather
- Do not dilute or mix with any other product

## HEALTH AND SAFETY

- Respiratory Protection: Under normal conditions of use where adequate ventilation is available, no special respiratory protection equipment is needed.
- Hand Protection: Wear gloves
- Skin Protection: No special protective clothing or skin protection is required under normal conditions of use
- Eye Protection: If there is a real risk of splashing, wear protective goggles
- If swallowed: do not induce vomiting. Contact a doctor or a specialist

**KEEP OUT OF THE REACH OF CHILDREN**

## TECHNICAL ASSISTANCE

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