



surface
care
solutions



ANTI-SLIP SYSTEM WITH PROGRIP



PROFESSIONAL ANTI-SLIP TREATMENT



ANTI-SLIP SYSTEM WITH PROGRIP HOW TO USE IT

Ready to use product.

1. Determining contact time

Given the diversity of materials, the most suitable contact time must be determined by running a test on an unlaidd tile or a limited and hidden area. Protect the adjacent materials and areas not being treated. **PROGRIP** takes effect after just one minute. After running the 1-minute test, if more time is required the test may be repeated with progressively longer contact times.

2. Preparing the surface

Prepare the surface for treatment by washing according to the type of dirt on the surface (e.g. **DETERDEK PRO** for limescale or cement encrustation, or **PS87 PRO** for organic dirt or film caused by improper maintenance). For easier application, split the surface into areas between 1 and 3 m², taking care to delimit the area at the joints.

3. Application

Apply **PROGRIP** to a clean, dry surface using a leathercloth or white pad and leave for the determined contact time, ensuring the surface stays wet throughout. Then clean with a liquid vacuum cleaner or remove the residue with a cloth or mop. Rinse thoroughly with water and move to the next area. It is important to apply the product to all areas being treated for the same length of time and with the same method in order to achieve even results.

After treatment, we recommend a neutralising wash using **CLEANER PRO** (diluted 1:200 or 25 mL in 5 litres of water) and a white pad on the entire treated surface.

NO DILUTION REQUIRED: READY TO USE



1 litre
cod. 68000012MUL

1L
8-10 m²

PACKAGING
1 litre: boxes of 12.



CAUTION

- The treatment may reduce the glossiness of the surface: if used with the incorrect contact time, it may lead to the material losing colour.
- Use the product at surface temperatures between 10° and 30°C.
- Do not treat surfaces exposed to direct sunlight.
- The product is corrosive on glass.
- According to in-house tests, porcelain with a polished or lappato finish is not suitable for anti-slip treatment because the outcome may be ineffective and uneven.

FILA Solutions S.p.A. SB
Via Garibaldi, 58
35018 San Martino di Lupari - PD - Italia
T +39 049 9467300
info@filasolutions.com

filasolutions.com



PROGRIP

For the “**anti-slip**” treatment of porcelain, ceramic, granite and other siliceous stone surfaces where **increased grip is required**

WHAT IT’S FOR

- Increases slip resistance on damp or wet floors.
- Increases the surface’s friction coefficient.
- Creates a microporous surface on the treated material.
- Reduces the risk of slipping on floors whether shod or barefoot.
- Treatment for professional use.

FIELDS OF APPLICATION

- To **reduce the risk of slipping** on porcelain floors installed in **outdoor areas**, poolside areas or where there is **standing water**.
- To address design errors where a material with an **insufficient friction coefficient for the installation site** has been used.
- On small surfaces **normally used barefoot**, such as shower trays, bathtubs, spa areas, to increase slip resistance.
- On outdoor surfaces, such as stairs or doorways in granite or siliceous stone, **where rain or damp can create slippery conditions**.
- The treatment may be carried out on **limited sections** of a surface, where there is an increased risk of slipping, for example entrances to public use areas and stairs.



APPLICATION VIDEO



THE EXPERT’S TAKE

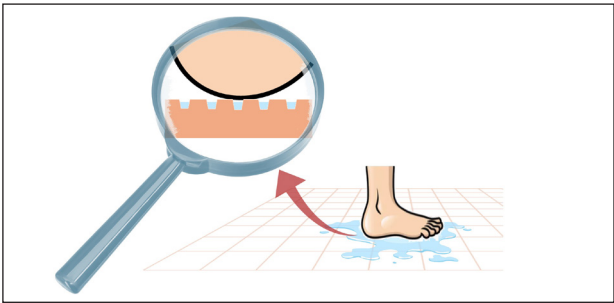
PROGRIP reacts with the material, creating micro-abrasions that increase the surface roughness, thus increasing **friction**.

A floor may be slippery when there is a loss of adherence between the foot (shod or barefoot) and the surface. This phenomenon is particularly evident in wet conditions, where the foot may slip on the film of water covering the surface.

After treatment with **PROGRIP**, the water runs off the floor more easily, significantly increasing **slip resistance**.



Untreated surface. Slippery in wet conditions.



Surface treated with **PROGRIP**: increased surface roughness, water runs off more easily. Slip resistance is increased.

TECHNICAL TESTS

A number of technical tests have been conducted to measure the coefficient of friction of surfaces treated with **PROGRIP**, in compliance with national and international methods. Slip rating measurements taken on different porcelain, ceramic and granite surfaces before and after treatment. Following treatment with **PROGRIP** the friction coefficient increases.

The standards used are:

European method UNI EN 16165 governing the slip resistance of pedestrian surfaces, using the pendulum. In reference to the UK’s HSE (Health and Safety Executive), the minimum value for considering a surface safe for outdoor use is 36+ PTV.

Italian method BCRA using the **FSC 2000 PRINT** instrument or the **TORTUS** instrument. The dynamic friction coefficient is satisfactory with values above 0.40.

Spanish method UNE ENV 12633 using the pendulum. The classification envisages four classes according to intended use. **PROGRIP** was tested to achieve coefficients of friction meeting class 2 (RD between 35 and 45) required for indoor wet areas (such as entrances, bathrooms, kitchens) with a slope below 6% or dry indoor areas with a slope above 6% and Class 3 (RD above 45) for outdoor areas, swimming pools, showers or any area where barefoot walking is likely or the surface is likely to be constantly wet.

MEASUREMENTS TAKEN ON WET FLOOR WITH RUBBER HEEL	FRICTION COEFFICIENT UNTREATED	FRICTION COEFFICIENT TREATED WITH PROGRIP
Natural porcelain for concrete effect indoor floors	0.39 TORTUS	0.50 TORTUS
Smooth and natural finish porcelain for stone effect indoor floors	0.37 FSC 2000 PRINT	0.72 FSC 2000 PRINT
Wood effect glazed porcelain	25+ PTV PENDULUM	36+ PTV PENDULUM
Wood effect glazed porcelain	21 (Class 1)	47 (Class 3)

The friction coefficient measurements taken are to be considered as purely indicative and depend on variables such as surface type, contact time, instrument used and operator.