

# PROTECTGUARD® MG



## WATER & OIL-REPELLENT AND ANTI-STAINING TOTAL PROTECTION FOR VERY LOW POROUS, POLISHED AND CRYSTALLISED MATERIALS

- ✓ **PROTECTS AGAINST WATER, STAINING AND OIL**
- ✓ **ABRASION & TRAFFIC-RESISTANT**
- ✓ **DOES NOT CHANGE COLOUR**
- ✓ **UV AND FROST RESISTANT**

- ✓ **FORMULATED WITH 90% OF ACTIV COMPONENTS**
- ✓ **NON FILM-FORMING, LETS A SURFACE BREATHE**
- ✓ **FLOORS / INTERIOR & EXTERIOR**

### PRODUCT DESCRIPTION

ProtectGuard® MG is a very high performance protection product designed to protect low and very low porosity substrates. It resists to penetration by water, oil, grease, graffiti, weak acids (fruit juice, ketchup, etc.) as well as all types of soiling.

ProtectGuard® MG is an impregnation product and not a coating, treated materials remain permeable to air and water vapour. ProtectGuard® MG is colourless and does not change the appearance or composition of the treated material. In addition, it is UV-resistant and does not discolor with age.

ProtectGuard® MG is food contact compliance and compatible with materials that may come into contact with foodstuffs.

### USE

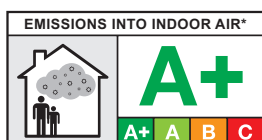
ProtectGuard® MG can be used inside and outside on all vertical and horizontal surfaces. It is ideal for treating

all low and very low porous materials: marble, granite, ceramic, polished and crystallised surfaces, stoneware porcelain and all smooth mineral substrates, especially low porosity silica-limestone materials.

ProtectGuard® MG is used for new and renovated constructions.

### ADVANTAGES AND CHARACTERISTICS

- Ready to use & effective for more than 10 years.
- Protects against water and oily liquids.
- Anti-staining, anti-soiling & anti-graffiti property.
- Limits surface moss and lichen growth.
- Prevents deterioration resulting from freeze-thaw cycle.
- Non film-forming, lets the surface breathe.
- Economical: 1 litre = 20 m<sup>2</sup> of treatment..
- UV-resistant, does not discolour. Abrasion and traffic-resistant.



## CHEMICAL NATURE

Fluorinated and silane copolymer based.

## CONTAINERS

250 ml, 5 and 25 litres.

## TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Uncoloured
Odour	: Slight
pH	: Not applicable
Density	: 0.89 ± 0.02
Solubility in water [vol/vol]	: Non soluble
Flash point [°C]	: > 63°C
VOCs	: 430 g/l*

## HOW TO USE

### Surface preparation :

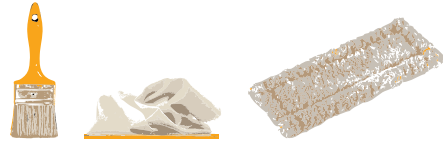
- dust-free, grease-free and dry. To remove stains and marks of pollution use **Guard Wash® Express**. In case of greasy stains use **Guard Cleaner® Degreaser**. For efflorescence, laitance or concrete bloom use **Guard Remover® Efflorescence & Cement**.
- Rinse carefully until the surface is completely free from any cleaner marks and let dry 24/48 hours before applying the treatment. The surface must be **completely dry**.

### Application :

- Use neat, do not dilute.
- Shake the product well before use and always carry out a preliminary test.
- Do not apply the product by spraying.
- The treated surface should be impregnated in a single application.
- Let the product penetrate and dry (from 10 to 60 min. depending on the porosity and temperature of material).
- Do not over apply the product; remove any excess with a clean cloth by swabbing before the product dries.
- Drying time: 1 hour.
- The surface must be protected for 24 hours from traffic and liquids (rain, grease...).
- On very low-porosity or polished materials, the surface must be polished with a microfibre cloth after application and complete drying of the treatment.
- Optimum effectiveness obtained after 7 days.

## APPLICATION TOOLS

Apply using a brush or microfiber cloth.



## MAINTENANCE

Stubborn dirt should be cleaned off with clean water or a neutral pH cleaner.

## COVERAGE

Coverage depends on the porosity of the material. The figures below should be used only as a general guideline:

**8 to 20 m<sup>2</sup> / litre.**

## CLEANING YOUR EQUIPMENT

Clean tools and equipment immediately after use with a solvent.

## STORAGE

- Keep in a dry place (between 5°C and 30°C).
- Storage: 12 months following the production date when kept in the original unopened container.

## RECOMMENDATIONS

- Always work in a well-ventilated space. If not, wear a protection mask (type: ABEK)
- **Never apply with a sprayer.**
- For best results, **ProtectGuard® MG** is used when the temperature of the substrates is between 5°C and 30°C.
- Do not apply during rain or in very hot weather. Air temperature between 5°C and 30°C.
- Do not dilute or mix with any other product.
- Resistance to acids on calcareous materials (non crystallized marble...) is limited. It is necessary to eliminate quickly acids on these materials.
- On certain materials, product may increase slightly the original colour (carry out a preliminary test).

\* Calculation based on the components' data.

## HEALTH AND SAFETY

- Respiratory protection : Always handle the product in a ventilated area. If not, wear a mask type ABEK.
- Hand protection : Wear latex 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 SUPPORT

### GUARD INDUSTRY

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**For the most recent version of our data sheet, visit our website**

[www.guardindustry.com](http://www.guardindustry.com)

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