

# PROTECTGUARD®



## WATER AND OIL REPELLENT, ANTI-STAINING AND ANTI-GRAFFITI TOTAL PROTECTION FOR ALL POROUS BUILDING SUBSTRATES

- PROTECTS AGAINST WATER, STAINING AND OIL**
- WALLS, FLOORS AND ROOFS**
- NON FILM-FORMING: LETS A SURFACE BREATHE**

- ODOURLESS & CLEAR: DOES NOT CHANGE A MATERIAL'S COLOUR**
- UV AND FROST-RESISTANT**
- INTERIOR AND EXTERIOR**

### PRODUCT DESCRIPTION

ProtectGuard® is the leading product for all-round protection for all porous building materials. This one product delivers water and oil repellent protection and anti-graffiti protection for porous building materials.

ProtectGuard® helps tackle the deterioration caused by atmospheric pollution, grease-type staining, penetration of liquids and graffiti. A surface treated with ProtectGuard® will benefit from an increased life-span and will be easier to maintain.

ProtectGuard® is a non film-forming impregnation product that leaves the treated surface permeable to air and water vapour. ProtectGuard® is completely colourless after application and does not change the appearance or the composition of the treated surface. It is also UV-resistant and does not discolor with age.

### USE

ProtectGuard® may be used indoors or outside on walls, floors and roofing. It is designed to protect all porous building materials such as natural and synthetic stone, concrete, terracotta, cement, self-locking paving...

On low porous materials, use ProtectGuard® HD or ProtectGuard® MG Eco. ProtectGuard® is used for new and renovated constructions.

### CHEMICAL NATURE

- Water-borne fluorinated copolymer based.

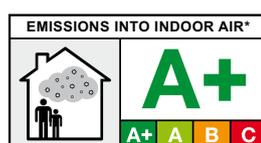
### ADVANTAGES AND CHARACTERISTICS

- Effective for more than 10 years demonstrated by the CEBTP (Experimental Centre for Research and Study in Construction and Public Works).
- Protects against water, oily liquids and staining.
- Limits efflorescence formation.
- Anti-staining, anti-dirt.
- Prevents chewing-gum from sticking, limits dirt due to pollution from building up again. Limits moss and lichen growth.
- Makes cleaning easier.
- Very good anti-graffiti properties.
- Prevents deterioration resulting from freeze-thaw cycle.
- Non film-forming, lets the surface breathe.
- UV-resistant, does not discolor.
- Invisible once dry.
- Ready to use, easy to use.

### ENVIRONMENT

#### Environment-friendly product:

- Water-based product.
- Petroleum solvent and silicone free.
- Non hazardous and non toxic.
- 100% biodegradable\*.
- VOC < 2 g/l\*.
- 2008 Award of the "Éco Trophées 93"



## CONTAINERS

1, 5 and 25 litres.

## TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Uncoloured
Odour	: None
pH	: 5.5 ± 0.5
Boiling point [°C]	: 100 °C
Density	: 1.0 ± 0.01
Solubility in water [vol/vol]	: Total
Flash point [°C]	: Not applicable

## HOW TO USE

### Surface preparation :

- Apply the product to a surface that is clean, dust-free, grease-free and dry. To remove stains and marks of pollution use **Guard Cleaner® Polluted Facades** or **Guard Wash®**. In case of greasy stains use **Guard Cleaner® Eco Soiled Floors**. For efflorescence, laitance or concrete bloom use **Guard Remover® Eco Efflorescence & Cement**.
- Rinse carefully and wait until the surface is completely free from any cleaner marks before applying **ProtectGuard®**.

### Application :

- Use neat, do not dilute.
- Shake the product well before use.
- Always carry out a preliminary test.
- The treated surface should be impregnated to saturation point, either in one application or in two applications 'wet-on-wet'.
- **Do not over apply, eliminate any exceeding product before drying.**
- On vertical surfaces, apply from the bottom-up.
- Drying time: 24 hours.
- Optimum effectiveness obtained after 7 days.

## APPLICATION TOOLS

- Apply using a low pressure sprayer, a roller or a brush.



## MAINTENANCE

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

## COVERAGE

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

Terracotta	7.00 m <sup>2</sup> /l
Concrete	5.00 m <sup>2</sup> /l
Floor tiles	5.00 m <sup>2</sup> /l
Interlocking pavement	4.00 m <sup>2</sup> /l
Stone cladding	4.00 m <sup>2</sup> /l
MPC type layer	2.50 m <sup>2</sup> /l
Limestone	2.00 m <sup>2</sup> /l
Freestone	1.30 m <sup>2</sup> /l
St Vaast-type stone	0.60 m <sup>2</sup> /l

\* Calculation based on the components' data.

## CLEANING YOUR EQUIPMENT

- Clean tools and equipment immediately after use with water.

## STORAGE

- Keep in a dry place (between 5°C and 30°C).
- Storage: 24 months following the production date when kept in the original unopened container.

## RECOMMENDATIONS

- Remove all atmospheric pollution-related dirt from all surfaces to be treated before starting the treatment.
- For best results it is essential that **ProtectGuard®** is used when the temperature of the substrates is between 5°C and 30°C.
- Do not apply to low or very low porous materials. Depending on the porosity or the materials used **ProtectGuard® HD**, **ProtectGuard® MG Eco** or **ProtectGuard® MG**.
- Do not apply to organic, metallic or waterproofing materials.
- 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.
- We recommend maintaining regularly the surface to keep its new look.
- **ProtectGuard®** does not prevent from tire marks on floors. To remove these marks, use **Guard Cleaner® Eco Soiled Floors**.
- Some stains (eg. stains from leaves) seem harder to remove. In this case, just apply some **Guard Wash®**, let it act and then rinse with water. It will not remove the protection 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 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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