



PROTECTGUARD®



WATER AND OIL REPELLENT, ANTI-STAINING AND ANTI-GRAFFITI TOTAL PROTECTION FOR POROUS MATERIALS

- PROTECTS AGAINST WATER, STAINING, OIL, GRAFFITI**
- WALLS & FLOORS**
- INTERIOR & EXTERIOR**

- NON FILM-FORMING: LETS A SURFACE BREATHE**
- ODOURLESS & CLEAR: DOES NOT CHANGE COLOUR**
- UV AND FROST-RESISTANT**

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

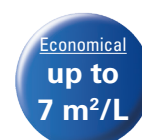
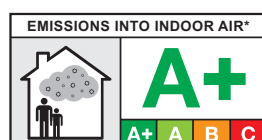
ProtectGuard® may be used indoors or outside on walls and floors. It is designed to protect all porous building materials such as natural and synthetic stone, concrete, terracotta, cement, self-locking paving...

On low porous materials, use **ProtectGuard® HD** and on very low porous materials, use **ProtectGuard® MG**.

ProtectGuard® is used for new and renovated constructions.

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 discolour.
- 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”

CHEMICAL NATURE

Water-borne fluorinated copolymer based.

CONTAINERS

1, 5 and 25 litres cans.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Pale yellow
Odour	: None
pH	: 5.5 ± 0.5
Boiling point [°C]	: 100 °C
Density	: 1.02 ± 0.02
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 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.

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

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** 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® Degreaser**.
- Some stains (eg. stains from leaves) seem harder to remove. In this case, just apply some **Guard Wash® Express**, 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 REACH OF CHILDREN

TECHNICAL SUPPORT

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Important: The content of this documentation is based on our experience with the product. Guard Industry guarantees the quality of its products but expressly disclaims all liability if the user does not follow the recommendations and conditions of use of the products, especially but not exclusively in the case of faulty application, application by untrained personnel, use of products not compatible with Guard Industry products, or adverse weather conditions. For more information, consult the safety data sheet.

For the most recent version of our data sheet, visit our website www.guardindustry.com

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