



PROTECTGUARD®

PLANT-BASED FORMULA



WATER AND OIL REPELLENT, ANTI-STAINING PROTECTION BIOSOURCED FORMULA, PLANT-BASED INGREDIENTS

- PROTECTS AGAINST WATER, STAINING AND OIL**
- FLOORS & WALLS**
- REDUCES SLIPPERINESS**

- ECONOMICAL, HIGH COVERAGE**
- INTERIOR AND EXTERIOR**
- CLEAR AND BREATHABLE**
- UV AND FROST-RESISTANT**

DESCRIPTION

ProtectGuard® Plant-Based Formula is a new generation product for the water-repellent, oil-repellent and anti-stain protection of all porous and low-porous building materials.

ProtectGuard® Plant-Based Formula is a bio-based product derived from biomass. It has been formulated with ingredients of plant origin (corn, beetroot, tree resin). The use of plant molecules represents an eco-responsible alternative to fossil resources that are harmful to the environment.

ProtectGuard® Plant-Based Formula durably protects all materials and helps prevent the main causes of degradation such as stains, atmospheric pollution, greasy soiling, infiltration... It delays the aging of the support and facilitates its maintenance.

ProtectGuard® Plant-Based Formula also has a non-slip property that limits the slippage of the material.

ProtectGuard® Plant-Based Formula lets the material breathe. The support thus remains permeable to air and water vapor. Colorless after application, it does not modify the nature of the treated support. In addition, it is perfectly UV resistant and does not discolor with age.

USE

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

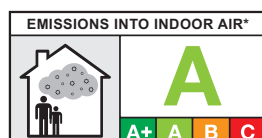
On very low porous or polished materials, use ProtectGuard® MG.

CHEMICAL NATURE

- Aqueous phase emulsion composed of more than 50% bio-based resin of plant origin.

ADVANTAGES AND CHARACTERISTICS

- Effective for more than 10 years. Makes cleaning easier.
- Protects against water and oily liquids.
- Anti-staining, anti-dirt.
- Prevents dirt due to pollution from building up again. Limits moss, lichen growth and deterioration resulting from freeze-thaw cycle.
- UV-resistant, does not discolour and lets the surface breathe. Ready to use, easy to use.



ENVIRONMENT

Environment-friendly product:

- Raw materials from more than 50% renewable resources of plant origin.
- 90% biodegradable*.
- Non hazardous, water-based product and petroleum solvent free.
- VOC < 12 g/l*.

CONTAINERS

1, 3 and 20 litres.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: White
Odour	: None
pH	: 7.5 ± 0.5
Boiling point [°C]	: 100 °C
Density	: 1.03 ± 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 Wash® Express**. In case of greasy stains use **Net'Guard® Ultra 4 in 1**. For efflorescence, laitance or concrete bloom use **Guard Remover® Eco Efflorescence & Cement**.
- Rinse thoroughly until the surface is completely free from any cleaner marks and let dry 24 to 48 hours.

Application :

- Use neat, do not dilute.
- Shake the product well before use and always carry out a preliminary test.
- Apply in one uniform coat. On very porous materials, apply the product in two coats with an interval of 15 minutes.
- **Do not spray the product.**
- On vertical surfaces, apply from the bottom-up.
- Do not overload the support, apply a thin layer, taking care to pull the product well.
- **NOTE:** in some cases, the product may leave white marks on the surface after application. This phenomenon is normal and the traces disappear after complete drying.
- Drying time: 24 hours.
- Optimum effectiveness obtained after 7 days.

APPLICATION TOOLS

- Apply using 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:

- **Porous materials: 5 to 7 m² / litre.**
- **Low porous materials: 8 to 10 m² / litre.**

RECOMMENDATIONS

- Remove all atmospheric pollution-related dirt from all surfaces to be treated before starting the treatment.
- The product may slightly accentuate the color on certain materials (satin effect). Always carry out a test on the substrate to be treated before application.
- Do not apply on very low porous or polished (use **ProtectGuard® MG**), organic, metallic or waterproof materials.
- For a perfect application and effective protection, **ProtectGuard® Plant-Based Formula** must be used on a support having a temperature between 10°C and 30°C, a humidity level less than or equal to 5% and a pH between 7 and 10.
- Do not apply in rainy weather, very hot weather or in full wind. Air temperature between 10°C and 30°C. Hygrometry rate: between 30% and 80% RH (relative humidity).
- Check for the absence of precipitation within 24 hours of the work.
- Do not dilute or mix with any other product.
- We recommend maintaining regularly the surface to keep its new look.
- **ProtectGuard® Plant-Based Formula** does not prevent from tire marks on floors. To remove these marks, use **Net'Guard® Ultra 4 in 1**.
- 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

CLEANING YOUR EQUIPMENT

- Clean tools and equipment 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.

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

7 rue Gutenberg • 93108 MONTREUIL Cedex • FRANCE

Tél: +33 (0)1.55.86.17.60 • Fax:+33 (0)1.48.58.16.89

E-mail : contact@guardindustry.com - www.guardindustry.com

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

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