

PROTECTGUARD® WF



WATER / OIL REPELLENT AND ANTI-STAINING WITH WET FINISH TOTAL PROTECTION FOR POROUS & LOW POROUS MATERIALS

- ✓ **ENHANCES THE ORIGINAL COLOUR**
- ✓ **LONG-TERM EFFECT**
- ✓ **PROTECTION AGAINST WATER, OIL AND STAINS**
- ✓ **ECONOMICAL, HIGH OUTPUT**
- ✓ **BIOSOURCED FORMULA WITH 52% PLANT-BASED INGREDIENTS**
- ✓ **FLOORS INTERIOR & EXTERIOR**
- ✓ **UV RESISTANT AND LETS THE SUPPORT BREATHE**

DESCRIPTION

ProtectGuard® WF Plant-Based Formula is a new generation product for the water-repellent, oil-repellent and anti-stain protection with an intense «wet effect» for all porous and low-porous building materials.

Biosourced 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® WF Plant-Based Formula gives materials an intense, long-lasting «wet look», which means that it enhances and revives the original colour of surfaces. It also provides water, oil and stain repellent protection. It provides long-lasting protection for all materials and prevents the main causes of deterioration, such as atmospheric pollution, greasy dirt, damp, etc. It slows down the ageing of the support and makes it easier to maintain.

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

USE

ProtectGuard® WF Plant-Based Formula is ideal for indoor and outdoor use on all types of porous or low-porosity floors: limestone, terracotta, brick, natural and reconstituted stone, bluestone, concrete, marble, granite, etc. The product can also be applied to vertical surfaces.

CONTAINERS

1 and 4 litres.



ADVANTAGES AND CHARACTERISTICS

- Gives a long-lasting wet effect that intensely enhances colour.
- Anti-stain, dirt-repellent and non-stick: protects against water and greasy liquids. Makes cleaning easier.
- Reduces moss and lichen growth, pollution and freeze/thaw damage.
- Non-slippery.
- Effective for more than 5 years
- UV-resistant, non-yellowing and breathable.
- Ready-to-use and easy to apply.

ENVIRONMENT

Environment-friendly product:

- Raw materials from 52% renewable resources of plant origin.
- 90% biodegradable*.
- Non hazardous, water-based product and petroleum solvent free.
- VOC < 12 g/l*.

CHEMICAL NATURE

Aqueous phase emulsion composed of 55% bio-based resin of plant origin.

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 **Guard Cleaner® Degreaser Plant-Based Formula**. For efflorescence, laitance or concrete bloom use **Guard Remover® Efflorescence & Cement Plant-Based Formula**.
- 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 for 5 minutes before use.
- Always carry out a full preliminary test under actual conditions of use on a small surface to check effectiveness and compatibility with the substrate. The final visual result is obtained after 24 hours drying time.
- The substrate must be impregnated in 2 even coats with a 30-minute interval between coats. The 1st coat must be completely dry to the touch before applying the second.
- **Do not spray the product.**
- Do not overload the support, apply a thin layer, taking care to pull the product well.
- **NOTE:** If overloaded, the substrate may leave a sticky residue which will disappear in a few days. Do not attempt to rinse the substrate with water. Leave to dry in the open air.
- Protect treated surfaces from rain and open to foot traffic: 24 hours.
- Optimum effectiveness obtained after 7 days.

APPLICATION TOOLS

Apply preferably with a roller:

- Smooth surface = 4 to 6 mm nap.
- Textured surface = 6 to 8 mm nap.

Can also be applied with a wide 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:

6 to 10 m² / litre.

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.

PRECAUTIONS FOR USE

- **Always carry out a test in order to confirm the desired effect** and refer to DTU 59.3.
- Remove all atmospheric pollution-related dirt from all surfaces to be treated before starting the treatment.
- Not suitable for non-porous, waterproofed, crystallised, ceramic or terra cotta surfaces previously treated with flax oil, wax or other fatty substances.
- Protect all materials not involved in the application of the product. If splashing occurs, clean immediately.
- The intensity of the “wet effect” varies according to the nature of the material and the quality of preparation of the support. The product may show some inconsistency of colour linked to consumption and to quality of material.
- For a perfect application and effective protection, **ProtectGuard® WF 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® WF Plant-Based Formula** 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.
- Environmental protection and packaging: dispose of empty packaging at a waste disposal centre.

Never dispose of packaging in the environment.

HEALTH AND SAFETY

For intensive use, refer to paragraph 8.2 of the safety data sheet.

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

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