



PROTECT GUARD® HP

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

- ✓ **PROTECTS AGAINST WATER, STAINING AND OIL**
- ✓ **CLEAR: DOES NOT CHANGE COLOUR**
- ✓ **UV AND FROST RESISTANT**

- ✓ **NON FILM-FORMING, LETS A SURFACE BREATHE**
- ✓ **WALLS & FLOORS**
- ✓ **INTERIOR & EXTERIOR**

DESCRIPTION

ProtectGuard® HP is a high-performance solvent-based product designed to provide water, oil and graffiti repellent protection for all types of concrete and porous or low-porosity building materials.

ProtectGuard® HP provides long-lasting protection for all materials and helps prevent the main causes of deterioration, such as atmospheric pollution, greasy dirt, infiltration, etc. It delays the ageing of the substrate and makes it easier to maintain.

ProtectGuard® HP is a non-film-forming impregnating product, so the substrate remains permeable to air and water vapour. Completely colourless after application, it changes neither the appearance nor the nature of the surface treated. What's more, it is perfectly UV-resistant and will not yellow over time.

USE

ProtectGuard® HP is recommended for protecting new or renovated facades and floors. It can be used both indoors and outdoors to protect all types of concrete: reinforced, precast, fibre-reinforced, UHPC, GRC, etc.

ProtectGuard® HP can also be used on all porous or low-porosity materials such as stone, brick, marble, granite, sandstone, polished or crystallised surfaces, etc.

NATURE CHIMIQUE

Copolymer acrylic fluorinated in solvent phase.

ADVANTAGES AND CHARACTERISTICS

- Provides in-depth protection from water, dirt and grease.
- Reduces water absorption and limits the formation of efflorescence, moss and lichen.
- Delays damage caused by freezing and thawing.
- Makes cleaning easier.
- Non-film-forming, allows the substrate to breathe.
- UV-resistant, non-yellowing.
- Ready to use and easy to operate

CONTAINERS

10 litres cans.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Uncoloured
Odour	: Solvent
pH	: Not applicable
Final boiling point [°C]	: 198°C
Density	: 0.80 ± 0.02
Solubility in water [vol/vol]	: Non soluble
Flash point [°C]	: 62°C
VOCs	: 720 g/l*

COVERAGE

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

5 to 10 m² / litre.

HOW TO USE

Surface preparation :

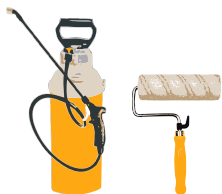
- The conditions of application and substrate preparation must comply with French unified code of practice DTU 59.1.
- Apply the product to a surface that is clean, dust-free, grease-free and dry.
- Clean using **Guard Cleaner® Surface Preparation** to open up the porosity of the concrete and allow optimum grip of the protection. This step also allows the elimination of traces of efflorescence, laitance or cement bloom. Repeat the operation in case of persistent traces.
- In case of greasy stains or formwork release oil residues, use **Guard Cleaner® Maintenance** first.
- Rinse carefully with a pressure washer until the surface is free from all traces of the cleaner.
- Wait for complete drying through, approximately 24/48 hours before treatment.

Application :

- Use neat, do not dilute.
- Always carry out a preliminary test.
- The treated surface should be impregnated to saturation point in one application.
- Allow the product to penetrate and dry (10 to 60 minutes depending on the porosity and temperature of the material).
- Do not over apply, eliminate any exceeding product before drying.
- On vertical surfaces, apply from the bottom-up.
- Surface dries in 1 hour.
- The surface must be protected from traffic and liquids (rain, grease, etc.) for 24 hours
- Optimum effectiveness obtained after 7 days.

APPLICATION TOOLS

Apply with a low-pressure sprayer with a Viton seal at 2 bar pressure or with a roller.



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: 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.
- On fresh concrete or cement, wait at least 28 days before application.
- Do not apply to organic, metallic or waterproofing materials.
- For a perfect application and effective protection, **ProtectGuard® HP** 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).
- In the event of rain 24 hours after application, plan to reapply the product. Check for the absence of precipitation within 24 hours of the work.
- Always handle the product in a ventilated area.
- Provide protection for surrounding surfaces and for the applicator.
- Do not dilute or mix with any other product.

HEALTH AND SAFETY

- **Respiratory protection** : Wear an A2P3R type mask. **Work in a ventilated environment and do not smoke during application or while the product is drying.**
- **Hand protection** : Wear fluorinated rubber gloves.
- **Skin protection** : Wear appropriate protective clothing.
- **Eye protection** : Wear protective airtight goggles (ref. standard EN 166)
- **If swallowed** : Do not induce vomiting. Contact a doctor or a specialist.

PRODUCT FOR PROFESSIONAL USE ONLY

TECHNICAL SUPPORT

GUARD INDUSTRY

695B Rue de l'Hers - ZA de la Masquere
31750 ESCALQUENS • FRANCE

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

E-mail : contactus@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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