

PROTECTGUARD® HD



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

- ✓ **PROTECTS AGAINST WATER, STAINING, OIL...**
- ✓ **ABRASION & TRAFFIC-RESISTANT FLOORS**
- ✓ **INTERIOR & EXTERIOR**

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

PRODUCT DESCRIPTION

ProtectGuard® HD is the ideal water and oil repellent treatment for all low porous floors. Its excellent protection properties also enable to protect materials submitted to heavy duty traffic.

ProtectGuard® HD durably protects materials against the main causes of degradation, such as atmospheric and industrial pollution, greasy soiling, water seepage and chewing gum.

A material treated with ProtectGuard® HD will look as new for much longer, and will be easier to maintain.

ProtectGuard® HD is a non film-forming impregnating treatment, meaning that the treated surface remains permeable to air and water vapour. ProtectGuard® HD is totally colourless after application and changes neither the appearance nor the composition of the treated material. It is also UV-resistant and does not discolor with age.

USE

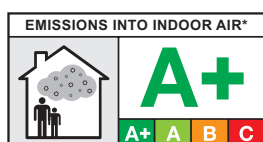
ProtectGuard® HD is ideal for treating all interior and exterior low porous new and renovated floors: concrete,

travertine, reconstituted stone, raw granite and marble, etc.

It is especially recommended for floors submitted to heavy traffic (pedestrian zones, parking zones, terraces, balconies, swimming pool decks, lobbies, staircases, work stations...). On very low porous, polished or crystallized surfaces, use ProtectGuard® MG.

ADVANTAGES AND CHARACTERISTICS

- Effective for more than 10 years.
- Protects against water, oily liquids and staining.
- Limits efflorescence formation, chewing-gum adherence, dirt due to pollution and moss growth.
- Makes cleaning easier.
- Abrasion-resistant & good anti-graffiti properties.
- Prevents deterioration resulting from freeze-thaw cycle.
- Non film-forming, lets the surface breathe.
- Invisible once dry and UV-resistant, does not discolour.
- Ready to use, easy to use.



CHEMICAL NATURE

Water-borne fluorinated copolymer based.

ENVIRONMENT

Environment-friendly product:

- Water-based product.
- Solvent and silicone free. Non hazardous and non toxic.
- 100% biodegradable*.
- VOC < 1 g/l*.

CONTAINERS

1, 5 and 25 litres cans.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Uncoloured
Odour	: None
pH	: 5 ± 0.5
Boiling point [°C]	: 100 °C
Density	: 1.00 ± 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. Ensure to surface is completely dry before application. No rain full 6 hours.

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 in one application.
- **Do not over apply, eliminate any exceeding product before drying.**
- 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 a neutral pH cleaner.

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.

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® HD** is used when the temperature of the substrates is between 5°C and 30°C.
- Do not apply to porous materials (in this case, use **ProtectGuard®**). Do not apply to polished or crystallized materials (use **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® HD** 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 THE REACH OF CHILDREN

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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