



PROTECTGUARD® HD

HEAVY DUTY

10 YEARS**A 10 Year Quality**

WATER & OIL REPELLENT AND ANTI-STAINING TOTAL PROTECTION FOR ALL LOW POROUS MATERIALS SUBJECT TO HEAVY DUTY

- PROTECTS AGAINST WATER, STAINING AND OIL**
- ABRASION-RESISTANT**
- NON FILM-FORMING: LETS A SURFACE BREATHE**

- ODOURLESS & CLEAR: DOES NOT CHANGE A MATERIAL'S COLOUR**
- UV AND ABRASION RESISTANT**
- INTERIOR AND EXTERIOR**

PRODUCT DESCRIPTION

ProtectGuard® HD is the ideal water and oil repellent treatment for all low porous materials subject to heavy duty.

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 materials: concrete, natural stone, synthetic stone, non polished and non cristallized granite or marble, etc.

It is especially recommended for the protection of substrates subject to heavy traffic (plazas, pavements, pedestrian zones, parking zones, terraces, balconies, barbecue surroundings, swimming pool decks, lobbies, staircases, work stations...)

ProtectGuard® HD can also be used to protect vertical surfaces (walls and facades).

ProtectGuard® HD is used for new and renovated constructions.

CHEMICAL NATURE

- Water-borne fluorinated copolymer based.

ADVANTAGES AND CHARACTERISTICS

- Effective for more than 10 years.
- Protects against water, oily liquids and staining.
- Limits efflorescence formation.
- Prevents chewing-gum from sticking, limits dirt due to pollution from building up again. Limits moss and lichen growth.
- Makes cleaning easier.
- Abrasion-resistant.
- 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.
- Solvent and silicone free.
- Non hazardous and non toxic.
- 100% biodegradable*.
- VOC < 1 g/l*.
- Rating for VOC emissions into idoor air: A+

* Calculation based on the components' data.

CONTAINERS

2, 5, 10 and 25 litres.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Uncoloured
Odour	: None
pH	: 6 ± 0.5
Boiling point [°C]	: 100 °C
Density	: 1.01 ± 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 greasy stains use **Guard Cleaner® Eco Soiled Floors**. For efflorescence, laitance or concrete bloom use **Guard Remover® Eco Efflorescence & Cement**.
- Rinse carefully and wait until the surface is completely free from any cleaner marks before applying **ProtectGuard® HD**.

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.**
- 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 **Guard Cleaner® Eco Soiled Floors** diluted with 50% water.

COVERAGE

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

5 to 12 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 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® Eco Soiled Floors**.
- Some stains (eg. stains from leaves) seem harder to remove. In this case, just apply some diluted bleach, let it act and then rinse with water. Bleach 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

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

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