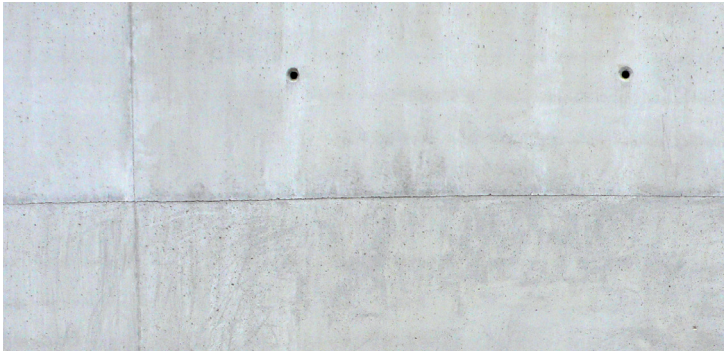


PROTECTGUARD® WL



WATER & OIL REPELLENT AND ANTI-STAINING FOR ALL TYPES OF CONCRETE

- TOTAL PROTECTION: WATER, OIL & STAINS**
- FLAT COLORLESS STAIN**
- ABRASION RESISTANT**

- LETS THE SURFACE BREATHE**
- FLOORS AND WALLS**
- INTERIOR AND EXTERIOR**

PRODUCT DESCRIPTION

ProtectGuard® WL is a water and oil repellent product designed to protect concrete and high performance concrete such as Ductal®. It protects against the main causes of deterioration such as water penetration, atmospheric pollution and grease-based stains. A surface treated with ProtectGuard® WL will be easier to care for and will be protected over time.

ProtectGuard® WL is an ecological, water-based product (non toxic, petroleum solvent-free).

ProtectGuard® WL is an impregnation product: it allows the substrate to remain permeable to air and water vapour. It is abrasion resistant and UV-resistant and does not yellow.

USE

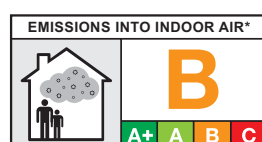
ProtectGuard® WL is used indoors and outdoors to protect horizontal or vertical concrete and fiber reinforced high performance concrete such as Ductal®.

CHEMICAL NATURE

- Acrylic and fluor in aqueous phase.

ADVANTAGES AND CHARACTERISTICS

- Protects against water and oily liquids.
- Anti-staining, anti-dirt.
- Limits dirt due to pollution from building up again.
- Limits moss and lichen growth.
- Prevents deterioration resulting from the freeze-thaw cycle.
- Makes cleaning easier.
- Non film-forming, lets the surface breathe.
- UV-resistant, does not yellow.
- Good resistance to abrasion and scratches.
- Ready to use.



CONTAINERS

5 litres cans.

ENVIRONMENT

Environment-friendly product:

- Water-based product.
- Petroleum solvent and silicone free.
- Non hazardous and non toxic.
- Biodegradable > 80%*.
VOC < 52 g/l*.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Milky
Odour	: None
pH	: 8.5 ± 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 :

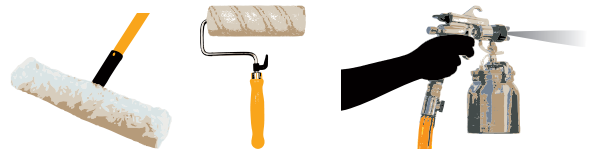
- The conditions of application and substrate preparation must comply with French unified code of practice DTU 59.1.
- Apply the product to a surface that is clean, dust-free, grease-free and dry.
- Clean using **Guard Cleaner® Surface Preparation** to open up the porosity of the concrete and allow optimum 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.
- Shake the product well before use.
- Always carry out a preliminary test.
- **ProtectGuard® WL** is applied in 2 layers.
- Apply the 1st layer to the surface.
- Let the product penetrate and dry (from 15 to 30 minutes according to the material's porosity and temperature) then apply the 2nd layer.
- **Do not over apply, eliminate any exceeding product before drying.**
- Drying time: 24 hours.
- Optimum effectiveness obtained after 5 to 7 days.

APPLICATION TOOLS

Apply with an applicator, à brush, an HVLP spray gun or an air assisted gun.



MAINTENANCE

- The support can be cleaned with clean water or with the cleaner **Guard Cleaner® Maintenance**.
- Following traffic-induced wear, the protection and 'wet-look' can be regenerated by re-applying **ProtectGuard® WL** neat or diluted with 50% of water.

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 for 2 layers.

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: 12 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 very low porous, polished or glazed concrete. In this case, use **ProtectGuard® CE**.
- Do not apply to organic, metallic or waterproofing materials.
- For a perfect application and effective protection, **ProtectGuard® WL** 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.
- Do not dilute or mix with any other 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.

PRODUCT FOR PROFESSIONAL USE ONLY

TECHNICAL SUPPORT

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

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