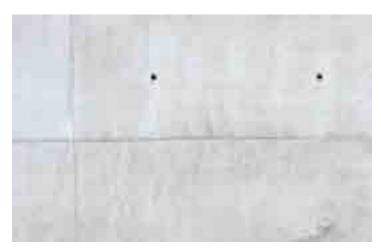


PROTECT GUARD WF



SPECIAL CONCRETE





WATER REPELLENT – OIL REPELLENT – ANTI-STAIN PRODUCT PROTECTING FIBER REINFORCED HIGH PERFORMANCE CONCRETE

PROTECTS AGAINST WATER,OIL AND STAININGABRASION RESISTANT

PRODUCT DESCRIPTION ADVANTAGES AND CHARACTERISTICS

ProtectGuard® WF Special Concrete 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® WF Special Concrete will be easier to care for and will be protected over time.

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

ProtectGuard® WF Special Concrete 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® WF Special Concrete 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.

Protects against water and oily liquids.

LETS A SURFACE BREATHE

INTERIOR AND EXTERIOR

FLOORS AND WALLS

- · 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.

ENVIRONMENT

Environment-friendly product:

- Water-based product.
- Petroleum solvent and silicone free.
- Non hazardous and non toxic.
- Biodegradable > 80%*.
- VOC < 35 g/l*.

CONTAINERS

2 and 5 litres.

TECHNICAL DATA

Physical state at 20 °C: LiquidAppearence: MilkyOdour: NonepH: 8.5 ± 0.5 Boiling point [°C]: 100 °CDensity: 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 greasy stains, efflorescence, laitance or concrete bloom use Guard Remover® Eco Efflorescence & Cement.

Application:

- · Use neat, do not dilute.
- Shake the product well before use.
- Always carry out a preliminary test.
- ProtectGuard® WF Special Concrete is applied in 2 layers.
- Apply the Ist 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, an HVLP spray gun or an air assisted gun.





MAINTENANCE

- Stubborn dirt should be cleaned off with clean water or with Guard[®] Cleaner Eco Soiled Floors diluted with 50% water
- Following traffic-induced wear, the protection and 'wet-look' can be regenerated by re-applying ProtectGuard® WF
 Special Concrete 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.
- For best results it is essential that ProtectGuard[®] WF Special Concrete is used when the temperature of the substrates is between 10°C and 30°C.
- Do not apply during rain or in very hot weather. Air temperature between 5°C and 30°C.
- Do not mix with any other product.
- In certain cases, the product can slightly the slipperiness of the surface.
- Always carry out a preliminary test.

HEALTH AND SAFETY

- <u>Respiratory protection</u>: Under normal conditions of use where adequate ventilation is available, no special respiratory protection equipment is needed.
- Hand protection: Wear latex gloves.
- <u>Skin protection</u>: 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.
- <u>If swallowed</u>: Do not induce vomiting. Contact a doctor or a specialist.

KEEP OUT OF THE REACH OF CHILDREN

TECHNICAL SUPPORT

GUARD INDUSTRY

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

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