

ANTI GRAFFITI GUARD®

**SATIN
OR
GLOSSY
FINISH**



HIGH PERFORMANCE PERMANENT ANTI-GRAFFITI PROTECTION FOR ALL TYPES OF CONCRETE

- ✓ **EXCELLENT ANTI-GRAFFITI PROPERTIES**
- ✓ **RESISTS MORE THAN 10 CLEANING CYCLES**
- ✓ **ABRASION-RESISTANT**

- ✓ **PROTECTS AGAINST WATER, OIL AND STAINING**
- ✓ **HIGH UV RESISTANCE**
- ✓ **INTERIOR AND EXTERIOR**

PRODUCT DESCRIPTION

AntiGraffiti Guard® is a very high performance two-part anti-graffiti product. Formulated with new generation resins it is much more effective in terms of protection of all porous and low porous concrete against all kinds of graffiti or tags (paint, felt pens, etc.) and dirt.

AntiGraffiti Guard® protects treated surfaces permanently. It can be cleaned dozens of times (using Guard® Remover Graffiti 2010) and will still keep working, so does not need to be reapplied after graffiti has been removed.

USE

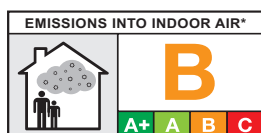
AntiGraffiti Guard® is used indoors and outdoors as well as out on all kind of vertical concretes: regular concrete, reinforced concrete, fiber concrete, UHPC, etc.

CHEMICAL NATURE

- Two-part aqueous-phase polyurethane.

ADVANTAGES AND CHARACTERISTICS

- High performance permanent protection from graffiti.
- Resists at 10 graffiti removals.
- Protects from hydrocarbons, grease, organic products.
- Protects from water-borne chemical or biological agents.
- Available in satin or glossy finish.
- Good resistance to the mechanical actions of rubbing and scratching.
- Excellent durability under UV action.
- Safe and non-toxic.



ENVIRONMENT

Environment-friendly product:

- Water-based product.
- Petroleum solvent and silicone free.
- Non hazardous and non toxic.
- VOC < 75 g/l*.

CONTAINERS

Kits of 1 and 5 litres (basis and hardener to be mixed).

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Whitish
Odour	: Odourless
pH	: 7.5 ± 1
Boiling point [°C]	: 100 °C
Density	: 1.08 ± 0.05
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 :

Primer:

- Surface preparation before application has a major influence on the final appearance and performance of the coating, especially as regards the adhesion of **AntiGraffiti Guard®** to the substrate.
- Always carry out a test first.
- Begin by applying **Primer Guard®** with a brush, roller or an HVLP sprayer to promote adhesion (coverage: 12 to 15 m² per litre). Wait a minimum of 4 hours (maximum of 48 hours) before applying **AntiGraffiti Guard®**. For more information refer to the primer data sheet.

Protection:

- **AntiGraffiti Guard®** is prepackaged in the correct ratios. All of component A must therefore be mixed with all of component B. Under no circumstances modify the A:B ratio.
- Before use, thoroughly mix part A (base) using an electric stirrer until a homogeneous liquid is obtained.
- Stirring continuously, add part B (hardener) to part A (base). Blend at moderate speed with an electric mixer for at least 5 min. Leave for 10 min. to allow bubbles to escape, then homogenise again with the electric mixer before application.
- Once prepared, the mixture can be used for 2 hours at an ambient temperature of less than 20°C.

Applying the first coat in two layers:

- In very hot weather: the first coat can be diluted to 10% in clean (drinking) water. Thoroughly homogenise the whole mixture.
- Having first treated the substrate with **PrimerGuard®**, the product can now be applied to the substrate.
- Leave to dry for 1 hour (assuming a temperature of 20°C).
- Typical coverage on concrete: 60 to 100 g/m² (10 to 16 m² / litre).

Applying the second coat in two layers:

- For better control and ideal results, it is recommended that the 2nd coat be applied with an HVLP spray gun.
- Typical coverage on concrete: 60 to 100 g/m² (10 to 16 m² / litre).
- Protected drying: 24 hours.
- Optimal effects obtained after 5 to 7 days.

For more information refer to the technical specifications. Consult us.

APPLICATION TOOLS

For better control and ideal results, it is recommended that be applied using an HVLP type spray gun. Application with a roller or a brush is also possible.



MAINTENANCE

Stains & dirt :

- The support can be cleaned with clear water or with diluted **Guard® Cleaner Maintenance** (1 volume of product for 9 volumes of water).

Graffiti & tags :

- Graffiti can be cleaned using **Guard® Remover Graffiti 2010**.

COVERAGE

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

120 to 200 g / m² for two coats.

CLEANING YOUR EQUIPMENT

Clean tools and equipment 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 organic, metallic or waterproofing materials.
- For a perfect application and effective protection, **AntiGraffiti Guard®** 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.
- Normal protective gear must be used when the product is applied by spray gun.
- Do not dilute (except for the 1st layer if necessary) 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. In case of prolonged use when spraying, wear a P3 mask.
- Hand protection : Wear latex or nitrile gloves.
- Skin protection : Wear protective clothing with long sleeves.
- Eye protection : Wear protective goggles.
- If swallowed : Do not induce vomiting. Contact a doctor or a specialist.

PRODUCT FOR PROFESSIONAL USE ONLY

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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