



# ANTI GRAFFITI GUARD®

**5 YEARS****A 5 Year Quality Guarantee****SPECIAL CONCRETE**

## PERMANENT PROTECTION AGAINST GRAFFITI FOR CONCRETES

- PERMANENT ANTI-GRAFFITI PROPERTIES**
- PROTECTS AGAINST WATER, HUMIDITY AND OIL**

- ABRASION-RESISTANT**
- HIGH UV RESISTANCE**
- INTERIOR AND EXTERIOR**

### PRODUCT DESCRIPTION

AntiGraffitiGuard® **Special Concrete** is a two-part anti-graffiti product. It durably protects concretes against all kinds of graffiti and tags (paint, felt pens, etc.) and dirt. AntiGraffitiGuard® **Special Concrete** protects treated surfaces permanently. It can be cleaned dozens of times (using GraffitiGuard® 2010 graffiti cleaner) and will still keep working, so does not need to be reapplied after graffiti has been removed.

AntiGraffitiGuard® **Special Concrete** is available in flat and gloss versions.

### USE

AntiGraffitiGuard® **Special Concrete** is used indoors 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

- Permanent protection from graffiti.
- Protects from hydrocarbons, grease, organic products.
- Protects from water-borne chemical or biological agents.
- Gives the substrate a satin look.
- 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.
- Biodegradable > 80%\*.
- VOC < 30 g/l\*.

### CONTAINERS

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

\* Calculation based on the components' data.

## TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Whitish
Odour	: Odourless
pH	: 7.5 ± 0.5
Boiling point [°C]	: 100 °C
Density	: 1.06 ± 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 Cleaner® Polluted Facades**, for greasy stains use **Guard Cleaner® Eco Soiled Floors** and for efflorescence, chalking or concrete bloom use **Guard Remover® Eco Efflorescence & Cement**.
- The conditions of application and substrate preparation must meet French unified code of practice DTU 59.1.

### On regular concretes:

- Begin by applying **Primer Guard®** with a brush, roller or an HVLP sprayer to promote adhesion (coverage: 8 to 12 m<sup>2</sup> per litre). Wait a minimum of 4 hours (maximum of 48 hours) before applying **AntiGraffitiGuard® Special Concrete**. For more information refer to the **Primer Guard®** data sheet.

### On UHPC:

- Begin by applying **Primer Guard® Special UHPC** with a brush, roller or an HVLP sprayer to promote adhesion (coverage: 12 to 15 m<sup>2</sup> per litre). Wait a minimum of 4 hours (maximum of 48 hours) before applying **AntiGraffitiGuard® Special Concrete**. For more information refer to the **Primer Guard® Special UHPC** data sheet.
- Surface preparation before application has a major influence on the final appearance and performance of the coating, especially as regards the adhesion of **AntiGraffitiGuard® Special Concrete** to the substrate.
- Always carry out a test first.

### Application :

- **AntiGraffitiGuard® Special Concrete** 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 half an hour to allow bubbles to escape, then homogenise again with the electric mixer before application.
- Once prepared, the mixture can be used for 4 hours at an ambient temperature of less than 20°C.

### Applying the first coat:

- 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/m<sup>2</sup> (10 to 16 m<sup>2</sup> / litre).

### Applying the second coat:

- For better control and ideal results, it is recommended that the 2<sup>nd</sup> coat be applied with an HVLP spray gun.
- Typical coverage on concrete: 60 to 100 g/m<sup>2</sup> (10 to 16 m<sup>2</sup> / 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 **AntiGraffitiGuard® Special Concrete** be applied using an HVLP type spray gun. Application with a roller or a brush is also possible.



## MAINTENANCE

- Stubborn dirt should be cleaned off with clean water or with **Guard Cleaner® Eco Soiled Floors** diluted with 50% water.
- Graffiti can be cleaned using **GraffitiGuard® 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 / m<sup>2</sup> for two layers**

## 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

- Only treat surfaces that have first been cleaned of all atmospheric pollution and all stains.
- For ideal application and effective protection, **AntiGraffitiGuard® Special Concrete** must be stirred, and it is critical that it be used when the temperature of the substrates is between 10°C and 30°C.
- Do not apply during rain, or in very hot weather or in strong winds. Temperature between 10°C and 30°C.
- Normal protective gear must be used when the product is applied by spray gun.
- Do not dilute (except for the 1<sup>st</sup> 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.
- Hand protection : Wear latex 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.

KEEP OUT OF THE REACH OF CHILDREN

## TECHNICAL SUPPORT

### GUARD INDUSTRY

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