



A 10 Year Quality

\* For more information contact us



## WATER, OIL AND DIRT REPELLENT: THE STAIN THAT PROTECTS, EMBELLISHES AND DECORATES ALL KIND OF CONCRETES

- PROTECTS AGAINST WATER
- STAIN AND DIRT REPELLENT
- ALLOWS SUBSTRATE TO BREATHE

- DECORATES AND EMBELLISHES
- UV-RESISTANT
- INTERIOR AND EXTERIOR

### PRODUCT DESCRIPTION

ProtectGuard® Color : one product, two functions:

#### 1. Water and oil repellent product

ProtectGuard® Color gives lasting protection against the main causes of deterioration such as dirt, stains of all kinds, atmospheric pollution, greasy dirt, water intrusion, etc. Treated substrates resist penetration by water, oil and dirt. The cleanliness of treated substrates is thus assured.

#### 2. Pigmented stain

ProtectGuard® Color is a substrate stain well suited to concretes. Unlike a paint, it is a semitransparent product which does not interfere with the inorganic nature of the materials. The final colour is dependent on the colour of the stain and the colour of the substrate.

ProtectGuard® Color is a non-film-forming product – the substrate remains permeable to air and water vapour. ProtectGuard® Color is a one-component product and does not require the application of primer to make the surface beneath it uniform.

### USE

ProtectGuard® Color is used indoors as well as out on all kind of vertical concretes: regular concrete, reinforced concrete, fiber concrete, UHPC, etc.

### AVAILABLE COLOURS

50 standard colours from the ProtectGuard® Color colour chart. The final shade depends on the initial shade of the substrate. Customers' own colours can also be incorporated in the laboratory or on site on demand.



Examples of colours. ProtectGuard® Color is available in matt, gloss and thick matt for roller application.

### CHEMICAL NATURE

- Aqueous-phase fluorinated acrylic copolymer with inorganic pigments.

## ADVANTAGES AND CHARACTERISTICS

- Gives colour while preserving the inorganic nature of concrete and without forming a surface film.
- Prevents water and greasy liquids from penetrating.
- Stain- and dirt-repellent. Adhesive-repellent
- Limits recurrence of dirt build-up due to pollution and moss and lichen growth - makes cleaning easier.
- Limits the penetration of graffiti. The colour stain must be reapplied after graffiti has been removed.
- Prevents freeze/thaw damage.
- Non-film-forming, allows substrate to breathe.
- UV-resistant. Ready to use.

## ENVIRONMENT

### Ecological and respects the environment:

- Water-based product.
- No petroleum-based solvents.
- Silicone-free.
- Safe and non-toxic.
- Biodegradable > 80%\* .
- VOCs < 26 g/l\*.
- Rating for VOC emissions into indoor air: B

## CONTAINERS

1, 5 and 25 litres.

## TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Coloured
Odour	: Odourless
pH	: 8.5 ± 0.5
Boiling point [°C]	: 100 °C
Density	: About 1.0 depending on the colour
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 concrete bloom or efflorescence, use **Guard Remover® Eco Efflorescence & cement**.
- The conditions of application and substrate preparation must comply with French unified code of practice DTU 59.1.

### Application:

- Use neat - do not dilute.
- Shake the container well before use. Use an electric stirrer if necessary to thoroughly disperse the pigments through the product.
- Always test first.

### Application by HVLP :

- Apply from the bottom up no more than 2 to 4 coats at right angles to each other depending on the desired appearance.
- Apply sparingly.
- Drying time between coats: 15 minutes.

### Application by brush and roller:

- Apply from the bottom up in 2 or 3 coats using the brush, spreading the product well over the substrate, not thickly. If brush marks are visible, smooth them out with a short-haired roller.
- Drying time between coats: 30 minutes.
- Protected drying: 24 hours.
- Full effects achieved after 7 days.

**For more information refer to the technical specifications.**

## APPLICATION TOOLS

- For a perfect application, we recommend using an HVLP sprayer. Application with a brush or a roller is also possible.



## COVERAGE

The following values are for guidance only:

**6 to 8 m<sup>2</sup> / 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

- Do not treat surfaces until they have first been cleaned of all atmospheric pollution and all stains.
- For ideal application and effective protection, **ProtectGuard® Color** must be stirred and must be used **ONLY** when the substrate temperature is between 10°C and 30°C.
- Do not apply in rain, in very hot weather or without protection from the wind. Air temperature between 5°C and 30°C.
- Do not dilute or mix with another product.
- Provide protection for nearby substrates and for the person applying the product.

\* Calculation based on the components' data.

## 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 : 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

### GUARD INDUSTRY

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