



PROTECTGUARD® COLOR



A 10 Year Quality

* For more information consult 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

ProtectGuard® Color stains come in 42 standard colors and are available in matt or glossy finish. Customers' own colours can also be incorporated in the laboratory or on site on demand.



Examples of colors. The final shade depends on the initial shade of the substrate.

Each shade is available in 3 different opacities (opaque, semi-opaque and slightly opaque).



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 (certificated LEED).
- 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 colour |
| the | |
| 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 roller (only used for 100% opacity & non-textured smooth surfaces):

- 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 short nap roller is also possible.



COVERAGE

The following values are for guidance only:

6 to 8 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

- 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.

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.

PROFESSIONAL PRODUCT

TECHNICAL SUPPORT

GUARD INDUSTRY

7 rue Gutenberg • 93108 MONTREUIL Cedex • FRANCE

Tél: +33 (0)1.55.86.17.60 • Fax:+33 (0)1.48.58.16.89

E-mail : contactus@guardindustry.com

www.guardindustry.com

Important: The content of this documentation is based on our experience with the product. Guard Industry guarantees the quality of its products but expressly disclaims all liability if the user does not follow the recommendations and conditions of use of the products, especially but not exclusively in the case of faulty application, application by untrained personnel, use of products not compatible with Guard Industry products, or adverse weather conditions For more information, consult the safety data sheet.

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

Last updated : 14/12/2018