



CONCRETE FLOOR GUARD®

C O L O R

PENETRATING COLOURED SILICATE STAIN FOR CONCRETE FLOORS

- ✓ DECORATES AND EMBELLISHES
- ✓ PROTECTS AGAINST WATER AND STAINS
- ✓ INTERIOR AND EXTERIOR

- ✓ CREATES NO SURFACE COAT
- ✓ PRESERVES THE ROUGH, NATURAL APPEARANCE OF THE FLOOR
- ✓ READY TO USE

PRODUCT DESCRIPTION

Concrete Floor Guard® Color is a high-performance penetrating product for colouring concrete floors that are more than 28 days old. Its semi-opaque appearance preserves the rough, natural appearance of the substrate.

Concrete Floor Guard® Color provides water-repellent and stain-resistant protection for concrete. However, to increase protection, you can apply ProtectGuard® HD.

Concrete Floor Guard® Color is locked in by a double action: it hardens by reacting with the lime of the levelling compound to form inorganic compounds distributed throughout the crystalline structure of the hardened mortar. Additionally, the acrylic base ensures an excellent pigment/mortar bond.

Concrete Floor Guard® Color is not a paint and does not create any surface coat. It is a penetrating, non-filmforming product and the substrate remains permeable to air and water vapour. Being semi-transparent, it preserves the appearance and inorganic quality of the substrate.

Concrete Floor Guard® Color enables the colour to be modified but does not correct defects of appearance of the substrate (roughness, unevenness, etc.).

USE

Concrete Floor Guard® Color can be applied in interior and exterior on concrete slabs or concrete screed more than 28 days old.

AVAILABLE COLOURS

Concrete Floor Guard® Color is available in the 42 standard colours of the ProtectGuard® Color colour chart. Customers' own colours can also be incorporated in the laboratory or on site on demand.

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. To renew 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 hours before treatment.

Application:

- Shake mechanically for 2 minutes until the product is homogeneous.
- Always carry out a preliminary test under actual conditions of use on a small area to check the effectiveness and compatibility with the surface.
- The number of coats depends on the desired colour and opacity. As a rule, 2 coats are needed, but as many as 3 coats can be applied.
- Apply the 1st coat of product.
- Wait for the 1st coat to dry (1 hour at 20°C).
- Mix the stain again between the 1st and 2nd coats.
- Apply the 2nd coat of product.
- Always apply sparingly in thin, even coats.
- Drying time before applying a protection: 6 hours at 10°C.

APPLICATION TOOLS

Wide brush (textured surface).
Low-pressure spray gun (HVLP type) or microfibre flat broom.

COVERAGE

Consumption depends on the porosity of the material and the desired appearance. The following values are for guidance only:

100 to 200 g / m² for 2 layers.

CONTAINERS

5 and 25 litres.

CHEMICAL NATURE

A combination of acrylic resins, silicates and inorganic pigments in an aqueous phase.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Coloured
Odour	: Odourless
pH	: 11 ± 0.5
Boiling point [°C]	: 100 °C
Density	: About 1.02 depending on the colour
Solubility in water [vol/vol]	: Total
Flash point [°C]	: Not applicable

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.

PRECAUTIONS OF USE

- Only treat surfaces previously cleaned of all atmospheric pollution and stains.
- Do not apply to young concrete, wait at least 28 days before application.
- Do not apply to organic, metallic or waterproofing materials.

- For a perfect application and effective protection, **Concrete Floor Guard® Color** 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). Check for the absence of precipitation within 24 hours of the work.
- Always handle the product in a ventilated area.
- Provide protection for the surrounding supports and protection for the applicator.
- Do not dilute or mix with any other product.

HEALTH AND SAFETY

For intensive use, refer to paragraph 8.2 of the safety data sheet.

- 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.

PRODUCT FOR PROFESSIONAL USE ONLY

TECHNICAL SUPPORT

GUARD INDUSTRY

695B Rue de l'Hers - ZA de la Masquere
31750 ESCALQUENS • 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

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

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