



PRIMER GUARD® OPACIFIER

COLOUR PRIMER TO REGULATE THE OPACIFYING BACKGROUND BEFORE APPLYING PROTECTGUARD® COLOR STAINS

- ✓ EVENS OUT AND CORRECTS WIDE VARIATIONS IN SUPPORT COLOUR
- ✓ OPAQUE UNDERCOAT
- ✓ EXTERIOR AND INTERIOR

- ✓ ALLOWS THE GRIPPING OF BI-COMPONENT PRODUCTS
- ✓ CAN BE USED ON ALL TYPES OF CONCRETE

DESCRIPTION

Primer Guard® Opacifier: one product, two functions:

1. Corrects colour defects

Primer Guard® Opacifier allows you to hide and to strongly mitigate the aesthetic defects of the concrete and to even out the colour before applying the protection. Under an opaque layer, it will reinforce the colour of the stains ProtectGuard Color® (single and bi-component) and ImperGuard Color® Mineral Stain when full coverage is required.

2. Gripping primer

Primer Guard® Opacifier is a product intended to be used as a primer before any application of Industry Guard® bi-component products on all types of concrete. It is essential to ensure that the finishing product holds well on this substrate. It facilitates adhesion by its ability to bond strongly to porous or low porous concrete.

Primer Guard® Opacifier leaves the support permeable to air and water vapour.

USE

Primer Guard® Opacifier can be used vertically on all types of exterior or interior concrete : traditional and high performance concrete (UHPC) that is more than 28 days old. It is intended to be applied mainly before the use of our coloured protection products.

CHEMICAL NATURE

Acrylic polymer in aqueous phase with mineral pigments.

AVAILABLE COLOURS

Primer Guard® Opacifier 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.

ADVANTAGES AND CHARACTERISTICS

- Opaque finish: corrects the appearance of the substrate.
- Reinforces the shade of stains ProtectGuard® Color.
- Very strong adhesive power.
- Essential for the adhesion of bi-component products.
- Allows the treated material to breathe.
- Ready to use



Colour Lasting



ENVIRONMENT

Respects the environment and is ecological:

- Water-based product.
- Free from petroleum solvents and silicone.
- Non-hazardous and non-toxic.
VOC < 1.1 g/l*.

PACKAGING

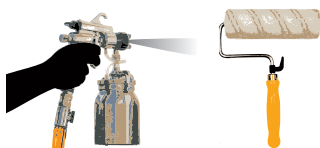
5 and 25 litres.

TECHNICAL DATA

Physical state at 20°C	: Liquid
Colour	: Coloured
Odour	: None
pH	: 5 ± 1
Boiling point [°C]	: 100 °C
Density	: 1.01 ± 0.05
Water solubility [vol/vol]	: Total
Flash point [°C]	: Not applicable

APPLICATION TOOLS

Apply with a sprayer (HVLP or airmix) or roller.



APPLICATION

Preparation of substrate:

- 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 hours before treatment.

Application:

- Use the product neat, do not dilute.
- **Mix the product well with an electric stirrer for 2 minutes before use and test beforehand.**
- Apply in an even layer.
- Apply the bi-component product within 4 to 48 hours following the application of **Primer Guard® Opacifier**.
- NOTE: the support must remain dust and rain free until the application of the intended finishing product. It is also imperative that the primer is sticky when touched.

COVERAGE

Consumption depends on the porosity of the material. The following figures are given for information:

65 to 100g/ m² - 10 to 15 m² / L.

CLEANING OF EQUIPMENT

Clean tools and equipment used with water immediately after use.

STORAGE

- Store in a dry place at a temperature between 5°C and 30°C.
- Storage: 12 months from date of manufacture, in original packaging unopened.

RECOMMENDATIONS

- Remove all atmospheric pollution-related dirt from all surfaces to be treated before starting the treatment.
- Do not apply to very low porous, polished or glazed concrete, organic, metallic or waterproofing materials.
- For a perfect application and effective protection, **Primer Guard® Opacifier** 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.
- Do not dilute or mix with any other 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.

PRODUCT FOR PROFESSIONAL USE ONLY

TECHNICAL SUPPORT

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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

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