



PRIMER GUARD® **EXPRESS**

SPECIAL FRESH OR YOUNG CONCRETE EPOXY PRIMER BEFORE APPLYING PROTECTGUARD® COLOR

CAN BE APPLIED FROM 6 HOURS
AFTER FORM STRIPPING

ALLOWS PROTECTGUARD®
COLOR STAIN TO ADHERE ON
FRESH CONCRETE

CAN BE USED ON ALL TYPES OF
CONCRETE*

EXTERIOR AND INTERIOR

PRODUCT DESCRIPTION

Primer Guard® *Express* is a two-component epoxy resin designed to be used as a primer before applying ProtectGuard® Color coloured stain (opacity 100 only) to freshly demoulded concrete (minimum 6 hours drying time after demoulding/form stripping).

Primer Guard® *Express* is essential to ensure that the finishing product holds well. It facilitates adhesion thanks to its ability to bind strongly to fresh or young concrete.

Applying Primer Guard® *Express* significantly reduces time and costs:

- The panels are ready more quickly: they can be moved outside or delivered just 36 hours after stripping.
- Less storage required.
- Reduced handling (no need to move panels between different areas).
- No surface preparation required (if the release agent is used in accordance with the technical data sheet).

USE

Primer Guard® *Express* is used vertically on standard, reinforced, fibre-reinforced or architectural concrete of BFUHP or GRC type that has been freshly demoulded (between 6 and 48 hours drying time after demoulding/stripping).

For application on other types of concrete, please contact us.

ADVANTAGES AND CHARACTERISTICS

- Apply from 6 hours after formwork removal, so ProtectGuard® Color can be used more quickly.
- Avoids the 28-day curing period: concrete can be treated in 36 hours!
- Very strong adhesion, allowing the coloured stain to adhere to fresh concrete.
- Allows treated material to breathe.

CHEMICAL NATURE

Water-based two-component epoxy resin.

CONTAINERS

500g kit consisting of component A and component B.



TECHNICAL DATA

Part A:

Physical state at 20 °C	: Liquid
Colour	: Grey
Odour	: None
pH	: Not applicable
Boiling point [°C]	: 100 °C
Density	: 1.12± 0.05
Solubility in water [vol/vol]	: Total
Flash point [°C]	: Not applicable

Part B:

Physical state at 20 °C	: Liquid
Colour	: Uncoloured
Odour	: Characteristic
pH	: Not applicable
Boiling point [°C]	: Not applicable
Density	: 1.16± 0.02
Solubility in water [vol/vol]	: Total
Flash point [°C]	: Not applicable

APPLICATION TOOLS

- Foam or short-haired roller.
- HVLP/Airmix/Airless spray gun (low-viscosity impregnation nozzle).



HOW TO USE

Surface preparation :

- Apply the product to freshly demoulded concrete more than 6 hours old and less than 48 hours old. The surface must be clean and free of dust.
- It is not necessary to clean with **Guard Cleaner® Surface Preparation** before applying the primer. On concrete that has dried for more than 48 hours, cleaning must be carried out.

Préparation du produit :

- The product is pre-measured at the factory.
- The entire dose of component A must be mixed with the entire dose of component B. Don't modify ratio A/B.
- Homogenise part A using an electric mixer for 2 minutes.
- Add part B into part A and mix again for 2 minutes.
- Add 500 ml of clear water to the A+B mixture and stir for 1 minute.

- The mixture prepared can be used for 45 minutes +/- 15 minutes at an ambient temperature of 20°C.

Application :

- Always carry out an application test before use.
- Apply **Primer Guard® Express** in an even layer.
- Allow to dry for a minimum of 6 hours and a maximum of 24 hours, then apply **ProtectGuard®** Color stain as recommended in the product data sheet.

COVERAGE

Coverage depends on the porosity of the concrete. The figures below should be used only as a general guideline :

30 to 70g / m² - 15 to 30 m² / L.

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

- **Respect dilution proportions and product application conditions..**
- Only treat surfaces that have been previously dusted (dust tests - permissible score: 2 maximum)
- Do not apply to polished, glazed, previously treated or crumbly concrete.
- Apply to mechanically sound substrates (cohesion tests in accordance with standard NF T30-062).
- For perfect application and effective protection, **Primer Guard® Express** must be used when the substrate temperature is between 10°C and 30°C.
- Do not apply in rain, extreme heat or strong winds. Air temperature between 10°C and 30°C. Humidity: between 30 and 80% RH (relative humidity).
- Check that there is no precipitation within 24 hours after the application.
- Provide protection for surrounding surfaces and for the applicator.
- Always refer to the Technical Specifications in force.

HEALTH AND SAFETY

- Respiratory protection: The use of a P3 mask is recommended, particularly in enclosed areas.
- Hand protection: Wear appropriate protective gloves (EN 374-1:2003)
- Skin protection: Personnel must wear regularly laundered work clothing.
- Eye protection: Wear safety in compliance with standard NF EN 166.
- If swallowed: Do not induce vomiting. Contact a doctor or specialist.

PRODUCT FOR PROFESSIONAL USE

TECHNICAL SUPPORT

GUARD INDUSTRY

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

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