

PRIMER GUARD®

CLEAR PRIMER FOR ADHESION OF TWO-COMPONENT PRODUCTS TO ALL TYPES OF CONCRETE

PRODUCT DESCRIPTION

Primer Guard® is a product designed to be used as a primer before applying two-component products from the Guard Industrie range on all types of concrete.

Application of PrimerGuard® is essential to ensure the perfect final appearance and performance of the coating, it promotes adhesion by its ability to bond strongly to concrete.

PrimerGuard® is a clear impregnation product, the substrate remains permeable to air and water vapour.

USE

PrimerGuard® is used indoors and outdoors on all types of vertical concrete over 28 days: standard, reinforced, fiber and high performance (UHPC, GRC). It is intended to be applied before our two-component products.

ADVANTAGES AND CHARACTERISTICS

- Penetrating product.
- Allows the treated material to breathe.
- Essential for adhesion of two-component products.
- Ready to use.
- Easy to use.
- Non flammable.

ENVIRONMENT

Environment-friendly product:

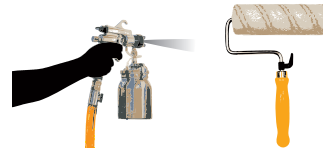
- Water-based product.
- Petroleum solvent and silicone free.
- Safe and non toxic.
- VOC < 1 g/l*.

CONTAINERS

5 and 25 litres cans.

APPLICATION TOOLS

Apply using an airless or HVLP gun or a roller.



CHEMICAL NATURE

Aqueous-phase acrylic copolymer.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Milky
Odour	: Odourless
pH	: 5 ± 1
Boiling point [°C]	: 100 °C
Density	: 1.01 ± 0.02
Solubility in water [vol/vol]	: Total
Flash point [°C]	: Not applicable

COVERAGE

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

8 to 15 m² / litre.

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 :

- Use neat, do not dilute.
- Shake the product well for 1 minute before use.
- Always carry out a preliminary test.
- Apply one coat from the bottom up.
- It is essential that **Primer Guard®** feel tacky to the finger. If it does not, apply another coat.
- **Primer Guard®** must be protected from dust for the first 3 hours following application.
- **Primer Guard®** is ready to receive a coat of bi-component product after 4 hours and maximum 48 hours at a temperature of 20°C.

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

- **It is essential to shake the can for 1 minute before use.**
- Do not apply to organic, metallic or waterproofing materials.
- On fresh concrete or cement, wait at least 28 days before application.
- For a perfect application and effective protection, **Primer Guard®** 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.

HEALTH AND SAFETY

- Respiratory protection : We recommend to wear a P3 respiratory protection.
- Hand protection : Wear protective gloves (EN 374-1:2003).
- Skin protection : Wear protective clothing.
- 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

TECHNICAL SUPPORT

GUARD INDUSTRY

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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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