



PRIMER GUARD®

SPECIAL CONCRETE

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

PRODUCT DESCRIPTION

PrimerGuard® **Special Concrete** is a product designed to be used as a primer before applying two-component products from the Guard Industrie range – **ProtectGuard® Color Two-component**, **ProtectGuard® Color AntiGraffiti**, **AntiGraffitiGuard® Special Concrete**, **AntiGraffitiGuard® Premium Special Concrete** on all types of concrete.

Application of **PrimerGuard® Special Concrete** 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® Special Concrete is a penetrating product, the substrate remains permeable to air and water vapour.

USE

PrimerGuard® Special Concrete 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.

CHEMICAL NATURE

- Aqueous-phase acrylic copolymer.

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.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Whitish
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

HOW TO USE

Surface preparation :

- Sand the roughness of the support if necessary then dust the support.
- 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** or **Guard Cleaner® Eco Soiled Floors**. For efflorescence, laitance or concrete bloom use **Guard Remover® Eco Efflorescence & Cement**.
- Rinse thoroughly with water.

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 **PrimerGuard® Special Concrete** feel tacky to the finger. If it does not, apply another coat.
- **PrimerGuard® Special Concrete** must be protected from dust for the first 3 hours following application.
- **PrimerGuard® Special Concrete** is ready to receive a coat of bi-component product after 4 hours and maximum 48 hours at a temperature of 20°C.

APPLICATION TOOLS

- Apply using an airless or HVLP gun or a roller.



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

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 treat surfaces until they have first been cleaned of all atmospheric pollution and all stains.
- For ideal application and effective protection, it is essential that **PrimerGuard® Special Concrete** be used when the substrate temperature is between 10°C and 30°C.
- Do not apply in rain or very hot weather. Air temperature between 5°C and 30°C.
- Air humidity rate < 80%.
- Material humidity rate < 5%.
- Do not dilute or mix with another 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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