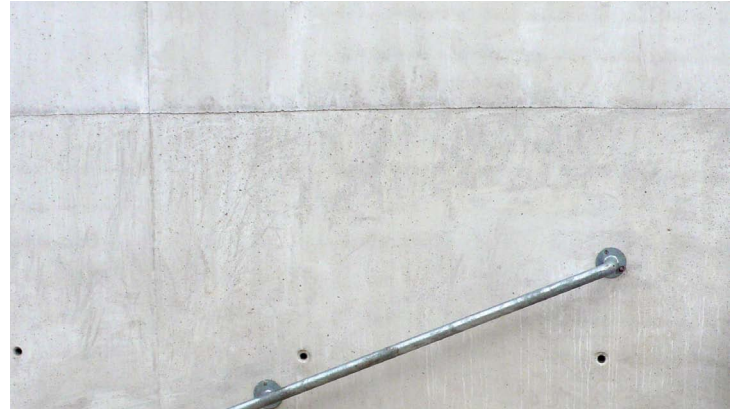
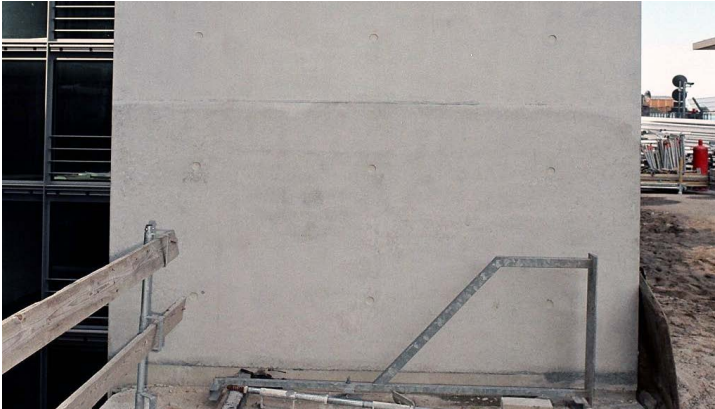




PROTECTGUARD® FC 24H

**10 YEARS****A 10 Year Quality*** For more information consult us

FRESH CONCRETE



WATER, OIL AND STAIN REPELLENT - ANTI-EFFLORESCENCE SPECIALLY FORMULATED FOR FRESH CONCRETE

- SPECIALLY ADAPTED FOR ALKALINE MATERIALS (PH>9)**
- PROTECTS AGAINST WATER, STAINS AND EFFLORESCENCE**
- SACRIFICIAL ANTIGRAFFITI LAYER**
- NON-FILM FORMING – ALLOWS SUBSTRATE TO BREATHE**
- FACADES AND WALLS**
- EXTERIOR**

DESCRIPTION

ProtectGuard® FC 24H is a product that is designed to protect young and alkaline porous concrete (less than 28 days and $ph > 9$) against water, oil, stains, grime of all kinds, and graffiti.

ProtectGuard® FC 24H retards the deterioration of treated surfaces and simplifies their maintenance. It will reduce and can totally eliminate the appearance of efflorescence at a substrate's surface.

Being water-based, ProtectGuard® FC 24H can be applied 24 hours after the concrete is poured on site or even as soon as fabricated elements are removed from the mould.

ProtectGuard® FC 24H impregnates the substrate without forming a film, so the substrate remains permeable to air and water vapour.

Once dry, ProtectGuard® FC 24H is colourless. It is available in flat or semi-gloss finish. It is also UV-resistant and does not yellow with time.

USE

ProtectGuard® FC 24H is used outdoors on vertical porous alkaline surfaces such as concrete and young concrete (less than 28 days old).

CHEMICAL NATURE

- A blend of polymers in an aqueous phase.

ADVANTAGES AND CHARACTERISTICS

- Prevents penetration by water and greasy liquids.
- Stain and grime repellent – limits soiling.
- Limits greatly efflorescence.
- Sacrificial anti-graffiti layer.
- Limits frost damage.
- Easy to clean.
- Non-film forming – allows substrate to breathe.
- UV-resistant, non-yellowing.
- Ready to use and easy to use.
- Non flammable.

ENVIRONMENT

Environment-friendly product:

- Water-based product.
- Petroleum solvent free.
- Non hazardous and non toxic.
- Biodegradable > 80%.
- VOC < 30 g/l*.

* Calculated on the basis of the substance data.

CONTAINERS

5 and 25 litres.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: White
Odour	: None
pH	: 5.5 ± 0.5
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 :

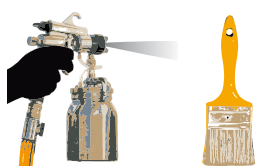
- Apply the product to a surface that is clean, dust-free, grease-free and dry. To remove stains greasy stains use **Guard Cleaner® Eco Soiled Floors**. For efflorescence, laitance or concrete bloom use **Guard Remover® Eco Efflorescence & Cement**.

Application :

- Use the product neat.
- Shake the product using an electric stirrer for at least 1 min. until a homogeneous liquid is obtained.
- Test first.
- The substrate must be impregnated in a single coat.
- Do not apply too thickly (maximum 150 g/m²).
- Apply from bottom up.
- Protect for 24 hours until dry.
- Optimum effectiveness obtained after 5 to 7 days.

APPLICATION TOOLS

- Apply with a HVLP type spray gun or brush.



COVERAGE

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

100 to 140 g/m²

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

- Always clean off all atmospheric pollution and all concrete release agent from the surface before applying the product.
- Do not dilute or mix with another product.
- **ProtectGuard® FC 24H** may give a slight wet look to some concretes.
- For ideal application and effective protection, **ProtectGuard® FC 24H** must only be used when the substrate temperature is between 10°C and 30°C. This product is incompatible with lower temperatures.
- Do not apply during rain or in very hot weather. Air temperature between 5°C and 30°C.

HEALTH / 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: No special protective clothing or skin protection is required under normal conditions of use.
- 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.

KEEP OUT OF THE REACH OF CHILDREN

TECHNICAL SUPPORT

GUARD INDUSTRY

7 rue Gutenberg • 93108 MONTREUIL Cedex • 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
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