

PROTECTGUARD® FT

Heavy Duty



THE ULTIMATE SURFACE PROTECTION FOR HARD GROUND SURFACES AND LOW POROSITY BUILDING MATERIALS

Protection against stains and chewing-gum*

ProtectGuard FT “heavy duty” prevents water, oil, stains of any kind plus graffiti from penetrating a substrate. ProtectGuard FT is an impregnation product with a capacity to penetrate deeply into a substrate; it is ideal for the treatment of polished concrete, granite, marble, stoneware, sandstone, earthenware etc.

** Preventative treatment with PROTECTGUARD FT will make the substrate adhesion-resistant. It is therefore easier to remove chewing-gums*

PRODUCT DESCRIPTION

ProtectGuard FT is the ultimate total protection for low porosity* building material. Through its exceptional properties of penetration and resistance, **ProtectGuard FT** is environmentally friendly and is ideal for the treatment of slightly porous materials such as certain granite, polished concrete, marble, graniteware, terracotta or ground surfaces that are subjected to heavy traffic.

ProtectGuard FT protects treated surfaces from weathering and helps surfaces remaining cleaner by resisting the attacks and penetration of water, air-borne dirt, acid rain, smog, industrial pollutants, oil and greasy stains, graffiti**, chewing-gum, dust and organic growth (lichens & moss). A material treated with **ProtectGuard FT** becomes almost self-cleaning because rain removes most stains which **ProtectGuard FT** prevented from penetrating into or sticking to the substrate. **ProtectGuard FT** blocks efflorescence, and prevents spalling through repeated freeze/thaw cycles.

ProtectGuard FT can be applied on new and renovated buildings, repaired frontages, historic monuments, sidewalks, pedestrian areas, car parks, roofs, terraces, floors, stairs...

** To determine if a material is porous (permeable to fluids), test with a drop of water. If it is not absorbed, the surface/material is not porous. Do not apply **ProtectGuard FT** on non-porous materials.*

*** Preventative treatment with **ProtectGuard FT** will stop ink and paint pigments from penetrating the porous material. A wash at “medium pressure power wash” is generally sufficient for graffiti’s early removal to be simple, quick and low cost*

COMPOSITION

ProtectGuard FT is a fluorinated acrylic copolymer in water phase that forms a breathable barrier within the treated surface.

PRODUCT FEATURES & ADVANTAGES

Special formula for treatment of low porosity building materials (granite, polished concrete, marble, graniteware, terracotta) or hard ground surfaces that are subjected to high levels of traffic

ProtectGuard FT is:

- 10 years of efficient protection* against water, oil, stain, dirt and graffiti penetration as showed by a scientific report published by the CEBTP – Experimental Center of Research for Buildings Public Works (file n° 3182-7-663-2)
- Usable on horizontal and vertical porous concrete and masonry surfaces, inside or outside
- Non-hazardous
- Non-toxic
- Non-flammable
- VOC-free
- 95% biodegradable
- High and lasting UV resistance
- Solvent-free
- Silicone-free
- Invisible when dry
- Ready to use
- Non-staining and non-yellowing
- Water & oil repellent
- Stain resistant
- Adhesion resistant
- Abrasion resistant
- Able to make a treated surface both air and condensation permeable
- Not a coating

PACKAGING

1, 5, 10 and 25 litres

TECHNICAL DATA

Appearance	: Liquid
Color	: Amber
Ionicity	: Cationic
Odor	: Very Subtle
Active Agents	
pH value	: 4.5 +/- 0.5
Boiling Point [°C]	: 100
Density	: 1.01
Flash point [°C]	: Not applicable
Solubility in water [°C]	: Totally miscible

APPLICATION

- Shake the drum well before use
- Can be applied on vertical and horizontal surfaces
- Do not apply to frozen or frost affected surfaces
- Apply to dry and clean substrates
- Apply with either low-pressure spray, roller or brush
- Apply the product when the temperature is between 40°F (5°C) and 95°F (35°C)
- It must not rain during application. If it rains within 24 hours after application, product must be reapplied
- The substrate must be impregnated until saturation in one application
- Remove the exceeding product before drying, half an hour after application
- Drying: 24 hours
- Maximum effectiveness obtained after 7 days

COVERAGE

Indicative values * for Coverage:

Type of materials	Average Coverage		
	1 Gallon in square feet	1 gallon in square meters	1 liter in square meters
Marble**	530	49	13
Sandstone**	815	76	20
Granite**	1019	95	25

* The coverage rates above are approximate and for estimating purposes only. Coverage will vary depending on density, porosity, texture, surface absorption and application methods. Guard Industry are not accountable for any excess material used based on above estimated product coverage rates. For exact product consumption field testing should be performed on actual substrate surface to determine coverage rates and effectiveness of the product.

CLEANING

- Clean application equipment and tools, immediately following use by using water

STORAGE

- Keep drums clean during storage, transport, handling and their use, to avoid an excessive dust accumulation. Product to be handled following good industrial hygiene and safety procedures
- Keep in a dry and fresh place. Do not allow the product to freeze.

RECOMMENDATIONS

- Do not dilute / do not mix with another product

- Do not apply on organic, metallic, or impermeable materials
- Do not apply in rainy or frosty weather

SAFETY PRECAUTIONS

- **Inhalation:** Respiratory protection not required under normal conditions of use with adequate ventilation.
- **Skin Contact:** In normal conditions of use, gloves or skin protection are not required. Persons with sensitive or allergic skins may prefer to wear gloves and skin protection. In case of irritation, wash with soap and water. If irritation persists, seek medical attention.
- **Eye Contact:** If there is risk of major contact, wear protective goggles. In case of eye contact, flush immediately with copious amounts of water. Consult a doctor immediately if the pain, blinking, watering or blushes persist.
- **Swallowed:** In case of ingestion, do not induce vomiting. Contact a doctor or hospital.

KEEP OUT OF REACH OF CHILDREN

TECHNICAL ASSISTANCE

GUARD INDUSTRY LTD
7200 The Quorum, Oxford Business Park North,
Garsington Rd, OXFORD OX4 2JZ

WARRANTY

LIMITED WARRANTY: Guard Industry warrant that, at the time and place shipment was made, the materials were of good quality and were conformed to our published specifications in force on the date of purchase.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. Guard Industry are not under any circumstances liable to connection with the use of information. As Guard Industry have no control over the use to which others may put its products, it is recommended that the products be tested to determine the suitability for specific applications and/or our information is valid in a particular circumstances. Due to the differences of each substrate, several inconspicuous test patches should be completed to assure maximum performance. Responsibility remains with the architect or engineer, contractor and owner of the design, application and proper installation of each product. Specifier and user shall determine the suitability of the product for specific application and assume all responsibility in connection therewith.



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Abacus Construction Products Ltd
PO Box 165, Formby, L32 2WG
01704 831083
Email: sales@abacusconstructionproducts.co.uk
www.abacusconstructionproducts.co.uk