



# PROTECTGUARD® TC

## TOP COAT



### WATER, OIL AND DIRT REPELLENT PROTECTION FOR PAINTED SURFACES

- ✓ **PROTECTS ACRYLIC PAINTS AGAINST WATER, STAINS & DIRT**
- ✓ **ALLOWS SUBSTRATE TO BREATHE**
- ✓ **FINGERMARK RESISTANT**
- ✓ **EXTENDS LIFE OF COATINGS**
- ✓ **INTERIOR AND EXTERIOR**

#### PRODUCT DESCRIPTION

ProtectGuard® TC is a colourless stain-repellent product for surfaces painted with acrylic paint. ProtectGuard® TC slows the natural aging of acrylic paints and prevents chalking, blistering and peeling.

ProtectGuard® TC extends the life of painted coatings by protecting them from the weather, frost and high temperatures.

ProtectGuard® TC also protects paint against aggressive water-borne agents as well as grease and other domestic stains.

#### USE

ProtectGuard® TC is used on vertical surfaces indoors and outdoors on acrylic paints.

#### CHEMICAL NATURE

- Acrylic emulsion in an aqueous phase.

#### ADVANTAGES AND CHARACTERISTICS

- Protection for acrylic paints against water, damp and oil.
- Stain and dirt repellent.
- Colourless after application, does not yellow.
- Very good resistance to household products.
- Fast drying - touch-dry in less than 1 hour.
- Extends the life of coatings.
- Ready to use – easy to use.

#### ENVIRONMENT

##### Environment-friendly product:

- Water-based product.
- Non hazardous and non toxic.
- Biodegradable > 80%\*.
- VOC < 26 g/l\*.

#### CONTAINERS

5, 10 and 25 litres.

\* Calculation based on the components' data.

## TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Milky
Odour	: Slight
pH	: 8.5 ± 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 staining and marks of pollution use **Guard Cleaner® Eco Polluted Facades**. For efflorescence, laitance or concrete bloom use **Guard Remover® Eco Efflorescence & Cement**.
- Rinse with plenty of clean water before applying **ProtectGuard® TC**.

### Application :

- Use neat, do not dilute.
- Shake the product well before use.
- Always carry out a preliminary test.
- **ProtectGuard® TC** is applied in two coats.
- Apply a first layer of **ProtectGuard® TC** to the entire substrate.
- Allow product to penetrate and dry (from 1 to 2 hours depending on porosity of substrate and temperature), then applied the second layer.
- Apply sparingly. Remove any excess before it dries.
- Always apply from the bottom up.
- Protected drying time: 24 hours.
- Optimum effectiveness obtained after 5 7 days.

## APPLICATION TOOLS

- Apply using an HVLP sprayer, a brush or a roller.



## MAINTENANCE

- Stubborn dirt should be cleaned off with clean water or with **Guard® Maintenance Eco**.

## COVERAGE

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

**9 to 10 m<sup>2</sup> / litre for 2 layers**

## 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

- Do not treat surfaces until they have first been cleaned of all atmospheric pollution and all staining.
- For ideal application and effective protection, **ProtectGuard® TC** must be stirred. Also, it is essential that it be used only when the substrate temperature is between 10°C and 30°C.
- Do not apply in rain, very hot weather or without protection from the wind. Air temperature between 5°C and 30°C.
- Do not dilute or mix with another product.

## HEALTH AND 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

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**For the most recent version of our data sheet, visit our website**  
[www.guardindustry.com](http://www.guardindustry.com)

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