

# WOODGUARD®

## COLOUR

### Anti-Graffiti



## PERMANENT ANTI-GRAFFITI, WATER & STAIN-REPELLENT THE STAIN THAT PROTECTS AND DECORATE WOOD

- EXCELLENT PROTECTION AGAINST GRAFFITI
- PROTECTION AGAINST WATER, OIL AND DIRT
- UV RESISTANT

- ALLOWS THE WOOD TO BREATHE
- DECORATES AND EMBELLISHES
- INTERIOR AND EXTERIOR

### PRODUCT DESCRIPTION

WoodGuard® Color AntiGraffiti is a new-generation product for the protection and decoration of bare and renovated wood weatherboarding and vertical components. Composed of mineral pigments, it allows wood to be given subtly decorative tints.

A two-component product, WoodGuard® Color AntiGraffiti penetrates all the fibres of the wood to give it lasting protection against graffiti and tags of all kinds (paint, felt pen, etc.), moisture, grease and stains.

WoodGuard® Color AntiGraffiti protects treated surfaces permanently. It can be cleaned dozens of times (using Guard® Remover Graffiti 2010 anti-graffiti cleaner) and will still keep working, so it does not need to be reapplied after graffiti has been removed.

WoodGuard® Color AntiGraffiti is not a paint but a semi-transparent impregnating woodstain that does not alter the structure or natural appearance of the wood (its figure, grain, etc.).

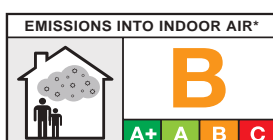
WoodGuard® Color AntiGraffiti does not peel, blister or yellow. It slows the aging of wood, simplifies its maintenance and allows its new, clean appearance to be preserved for much longer.

### USE

WoodGuard® Color AntiGraffiti can be applied indoors and out to protect and colour all bare wood, including pine, spruce, Douglas fir, pressure-treated wood etc. It is ideal for treating weatherboarding, fencing, benches, street furniture and all above-ground wooden items.

### AVAILABLE COLOURS

12 standard colours according to the WoodGuard® Color AntiGraffiti colour chart. The final shade depends on the initial shade of the substrate. WoodGuard® Color AntiGraffiti can also be customised for specific projects.



## CHEMICAL NATURE

Two-component polyurethane stain with mineral pigments.

## ADVANTAGES AND CHARACTERISTICS

- Unlike a paint, it colours while protecting the natural appearance of the wood.
- Permanent anti-graffiti protection.
- Excellent protection against water, dirt and stains.
- Significantly less moisture absorption.
- Limits greying.
- Abrasion and scratch resistant.
- Limits surface growth of moss and lichen.
- Allows the wood to breathe.
- Easy to clean.

## ENVIRONMENT

### Ecological and respects the environment:

- Water-based product.
- No petroleum-based solvents.
- Silicone-free.
- Safe and non-toxic.
- More than 80% biodegradable\*.
- VOCs < 30 g/l\*.

## CONTAINERS

5 litres kits. Product A (base) + product B (hardener).

## TECHNICAL DATA

Physical state at 20 °C	: Liquid
Colour	: Coloured
Odour	: None
pH	: 7 ± 0.5
Boiling point [°C]	: 100°C
Relative density	: About 1.06 depending on the colour
Solubility in water [vol/vol]	: Total
Flashpoint [°C]	: Not applicable

## HOW TO USE

### Surface preparation:

- Always apply the product to clean, dust-free, sound and dry wood.
- **New wood:** Sand with 80-120 grain and then remove dust.
- **Untreated or oily aged wood:** Sand with 80-120 grit then dust and clean with **WoodGuard® Revitalizer**. Rinse the wood thoroughly then leave to dry for 48 hours.
- **Treated aged wood:** Sand with 50-80 grit to remove all previous protection, then clean with **WoodGuard® Revitalizer**. Rinse the wood thoroughly and leave to dry for 48 hours.
- Always prepare wood according to the current applicable codes of practice.

- Ensure substrate has all the characteristics required for longevity.
- The product does not have the capacity to prevent the wood from splitting if it is subjected to too many variations in humidity. It is therefore advisable to apply the product when the wood has reached a low hygroscopic balance. This condition can be easily measured as it corresponds to the moment when the width of the wood is as small as possible, often less than the original width.
- Do not apply in rainy or very hot weather. Ideal air and substrate temperature 10°C to 30°C.
- Carry out a preliminary test on a small, inconspicuous area and allow to dry for 24 hours, especially on oily wood, exotic wood, oak and walnut. Check for adhesion.

### Preparing the mixture:

- Do not apply during rain or in very hot weather. Ideal surface and air temperature 10°C to 30°C.
- Test first on a small inconspicuous area and allow to dry for 24 hrs, particularly on resinous wood or exotic wood, oak and walnut. Check adhesion.
- Shake product A (base) thoroughly before use.
- Add part B (hardener) slowly to part A (base) of **WoodGuard® Color AntiGraffiti**, stirring continuously. Use an electric stirrer to stir at medium speed until the mixture is homogeneous (around 5 to 15 minutes depending on quantity).
- Leave the mixture exposed to the air for 15 to 30 min to allow bubbles to escape, then stir again for 1 min before use.
- The resulting mixture can be used for 4 hours if the ambient temperature is below 25°C. If the temperature is higher, the useable time will be shorter. Do not use the mixture after this time.

### Applying the 1st layer:

- Apply **WoodGuard® Color AntiGraffiti** diluted with not more than 5 to 10% water. Mix thoroughly. The first layer must be regarded as a primer layer designed to both impregnate the wood and provide a key for the next layer.
- Apply sparingly to avoid producing a thick film that does not breathe.
- Leave to dry for 30 min to 1 hour at 20° C. The substrate must be dry and non-tacky before it can be reworked.
- For best results rub down before the second layer.

### Applying the 2nd layer:

- Apply the second layer sparingly using undiluted **WoodGuard® Color AntiGraffiti**.
- If a third layer is needed, repeat the procedure described above. Wait until completely dry before applying any additional layer.
- Protect from rain for 24 hours and from oily deposits for at least 48 hours.
- Optimal performance is attained after 5 to 7 days.

## LIMITATIONS ON USE

### Restrictions for cladding and façade applications.

The treatment may be ineffective in the following cases:

- On varnished, waxed, oiled, heat treated, polished, highly brushed, retified, modified or THT (high-temperature treatment) woods.
- On damp wood (moisture content > 16%).
- Where micro-organisms or insects are present (pretreatment necessary).
- Application, preparation and substrate not according to current French codes of practice DTU 59.1 (Paintwork), 42 (Weatherboarding), 36.1 (Woodwork), etc.
- On sapwood.
- Where there are joints, make sure they are tight.
- Untested application on exotic or resinous wood.
- On wood that has undergone a fire-resistance treatment.
- On sharp edges (sharp edges should preferably be rounded to ensure continuity of product and thus avoid breaks in coverage).
- Ends, cuts, drill holes, etc. not saturated with product.

### Restrictions for floor application.

The treatment may be ineffective in the following cases:

- Wood must be textured.
- No Class IV treatment or autoclave treatment.
- Respect the yield, do not overuse.
- No guarantee of good performance.
- Maintenance with diluted **Guard® Cleaner Maintenance** and soft brush.
- Eliminate green deposits with **Guard® Cleaner Algae** in order to limit the phenomenon of slipperiness.

## APPLICATION TOOLS

For a perfect application, we recommend using an HVLP sprayer. Application with a brush is also possible.



## MAINTENANCE ADVICE

- Graffiti (paint, ink) can be cleaned off with a rag soaked in **Guard® Remover Graffiti 2010**. Always rinse off with plenty of clean water immediately afterwards. Always test a small area first.
- As with any pigmented finish for exterior use, the colour will change over time. Differences in shades may therefore develop between areas exposed to UV radiation (sun and moon) and areas sheltered from this radiation (northfacing or shaded). The architectural design therefore has an influence on the overall finish of a project. A maintenance layer is recommended. This layer must be applied before the product suffers any deterioration.

## COVERAGE

Coverage depends on how porous the wood is. The following values are for guidance only:

**130 to 265 g/m<sup>2</sup> for 2 layers.**

## CLEANING YOUR EQUIPMENT

Tools and equipment should be cleaned with water immediately after use.

## STORAGE

- Store in a dry place at a temperature of between 5°C and 30°C.
- Shelf-life: 12 months from date of manufacture, in original unopened can.

## 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** : Wear protective clothing with long sleeves.
- **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 ONLY

## TECHNICAL SUPPORT

### GUARD INDUSTRY

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