

# WOODGUARD®

## ANTIGRAFFITI



### TWO-COMPONENT WATER, OIL, DIRT AND GRAFFITI REPELLENT WOODSTAIN. HIGH-PERFORMANCE WOOD PROTECTION

- ✓ **PERMANENT ANTI-GRAFFITI**
- ✓ **PROTECTS AGAINST WATER**
- ✓ **HIGHLY ABRASION RESISTANT**
- ✓ **STAIN AND DIRT REPELLENT**
- ✓ **CLEAR FINISH**
- ✓ **EFFICIENCY > 5 YEARS**
- ✓ **INTERIOR AND EXTERIOR**

#### PRODUCT DESCRIPTION

WoodGuard® AntiGraffiti is a new-generation product for protecting bare or renovated weatherboarding. A two-component product, WoodGuard® AntiGraffiti penetrates all the fibres of the wood to give it lasting protection against graffiti, tags of all kinds (paint, felt pen etc.), moisture, grease and stains. WoodGuard® AntiGraffiti protects the wood, enhances its durability and simplifies its maintenance. WoodGuard® AntiGraffiti gives permanent protection to surfaces. It can be cleaned dozens of times (using GraffitiGuard® 2010 anti-graffiti cleaner) and will still keep working, so it does not need to be reapplied after graffiti has been removed.

Once applied, it is a completely colourless product that does not alter the structure and natural appearance of the wood (its figure, grain, etc.). WoodGuard® AntiGraffiti does not peel, blister or yellow.

NOTE: The greying of wood is a natural phenomenon that can be slowed but not prevented by WoodGuard® AntiGraffiti. To protect against UV light and greying, use a colour treatment from our WoodGuard® Color range.

WoodGuard® AntiGraffiti is available in matt or glossy finish.

#### USE

WoodGuard® AntiGraffiti can be applied indoors and outdoors to all bare wood (pine, spruce, Douglas fir, pressure-treated wood etc.) if it is vertical or has a slope greater than 10°. It is ideal for treating weatherboarding, fencing, benches, street furniture and all above-ground wooden items.

\* Calculation based on the components' data.

#### CHEMICAL NATURE

- Two-component aqueous-phase polyurethane.

#### ADVANTAGES AND CHARACTERISTICS

- Permanent anti-graffiti protection.
- Excellent protection against water, grease and stains.
- Significantly less moisture absorption.
- Abrasion- and scratch-resistant.
- Limits surface growth of moss and lichen.
- Colourless after drying: preserves the natural appearance of the wood.
- Does not yellow.
- 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                        | : White          |
| Odour                         | : None           |
| pH                            | : 7 ± 0.5        |
| Boiling point [°C]            | : 100°C          |
| Relative density              | : 1.06 ± 0.01    |
| Solubility in water [vol/vol] | : Total          |
| Flashpoint [°C]               | : Not applicable |

## HOW TO USE

### Surface preparation:

- **New wood:** apply the product to wood that is clean, dust-free, sound and dry.
- **Resinous or greyed wood:** clean with **WoodGuard® Revitalizer**, clean off all dust, rinse thoroughly and dry the wood.
- **Damaged wood:** sand down to bare wood, clean off all dust and dry the wood.
- For better definition, rub down with a fine grit (80 to 120) before application and vacuum off all sanding residues, to enable the product to penetrate properly and not peel off later.
- Always prepare wood according to the current applicable codes of practice.
- Ensure substrate has all the characteristics required for longevity.
- The **WoodGuard®** and **WoodGuard® Color** ranges cannot prevent the wood from splitting if it is exposed to excessive variations of hygrometry. It is therefore recommended to apply our products when the wood has reached a low hygroscopic equilibrium. This condition can be measured easily because it occurs when the timbers have shrunk to their narrowest width, often less than the original width.

### Preparing the mixture:

- Do not apply during rain or in very hot weather. Ideal surface and air temperature 5°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. Check adhesion.
- Apply in the direction of the wood grain.
- Shake product A (base) thoroughly before use.
- Add part B (hardener) slowly to part A (base) of **WoodGuard® AntiGraffiti**, stirring continuously. Use an electric stirrer to stir at medium speed until the mixture is homogeneous (5 to 15 min 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 6 hours if the ambient temperature is below 25°C. If the temperature is higher, plan to complete your application in a shorter time of around 4 hours. Do not use the mixture after this time.

### Applying the 1st layer:

- Apply **WoodGuard® 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. Coverage: 65 to 100 g/m<sup>2</sup>.
- Apply sparingly to avoid producing a thick film that does not breathe.
- Apply if possible to all visible surfaces.
- Leave to dry for 30 min to 1 hour at 20°C. The substrate must be dry and non-tacky before the second layer is applied.

### Applying the 2nd layer:

- If there are many loose wood fibres, the surface can be sanded down to obtain a smooth surface.
- Apply the second layer sparingly using undiluted **WoodGuard® AntiGraffiti**. Coverage: 70 to 100 g/m<sup>2</sup>.
- On very absorbent wood such as old wood, a third layer may be needed. Proceed as for the second layer after the second layer has completely dried.
- Protect from rain for 24 hrs and from oily deposits for at least 48 hrs.
- Optimal performance is attained after 5 to 7 days.

## LIMITATIONS ON USE

The treatment may be ineffective in the following cases:

- On varnished, oiled, waxed, 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.
- On wood that has undergone a fire-resistance treatment.
- Untested application on exotic or resinous wood..
- On high tannin-content woods (eg oak, walnut) without prior treatment with **WoodGuard® Tannin Blocker**.
- On sharp edges (sharp edges should preferably be rounded to ensure continuity of product and thus avoid breaks in coverage).
- On floors.
- Ends, cuts, drill holes, etc. not saturated with product.

## APPLICATION TOOLS

- For better control and better final results, **WoodGuard® AntiGraffiti** should preferably be applied with an air-assisted spray gun. Brush application is also possible.



## MAINTENANCE ADVICE

- Graffiti (paint, ink) can be cleaned off with a rag soaked in **GraffiGuard® 2010**. Always rinse off thoroughly with clean water immediately afterwards. Always test a small area first.
- A maintenance layer is recommended, depending on the amount of exposure and on the wood. The 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 & SAFETY

- Breathing protection: No breathing protection equipment is required under normal conditions of use but it is recommended to wear a mask.
- Hand protection: Wear latex gloves.
- Skin protection: No skin protection or special clothing is recommended under normal use conditions.
- Eye protection: If there is a significant risk of splashes, wear protective goggles.
- In case of ingestion: Do not induce vomiting. Contact a doctor or specialist.

KEEP OUT OF REACH OF CHILDREN

## TECHNICAL SUPPORT

### GUARD INDUSTRY

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**For the most recent version of our data sheet, visit our website**

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