

WOODGUARD®

Anti-Graffiti



HIGH PERFORMANCE PERMANENT ANTI-GRAFFITI PROTECTION FOR ALL TYPES OF WOOD

- EXCELLENT ANTI-GRAFFITI PROPERTIES
- RESISTS TO MULTIPLE CLEANING CYCLES
- ABRASION-RESISTANT
- PROTECTS AGAINST WATER, OIL AND STAINING
- HIGH UV RESISTANCE
- INTERIOR AND EXTERIOR

PRODUCT DESCRIPTION

WoodGuard® AntiGraffiti is a very high performance two-part anti-graffiti 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 Guard® Remover Graffiti 2010) 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.

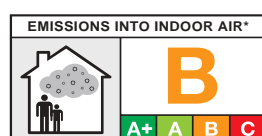
NOTE: The greying of wood is a natural phenomenon that can be slowed but not prevented by WoodGuard® AntiGraffiti. To protect against UV light and greying, use a colour treatment from our WoodGuard® Color range.

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, street furniture and all above-ground wooden items.

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*.

CHEMICAL NATURE

Two-component aqueous-phase polyurethane.

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/m².
- 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/m².
- 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...).
- 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 **Guard® Remover Graffiti 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.

CLEANING YOUR EQUIPMENT

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

COVERAGE

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

130 to 265 g/m² for 2 layers.

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.

PRODUCT FOR PROFESSIONAL USE ONLY

TECHNICAL SUPPORT

GUARD INDUSTRY

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For the most recent version of our data sheet, visit our website www.guardindustry.com

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