



WATER, OIL, STAIN AND DIRT REPELLENT HIGH-PERFORMANCE WOOD PROTECTION

- ✓ PROTECTION AGAINST INGRESS OF WATER AND DIRT
- ✓ CLEAR FINISH

- ✓ STAIN REPELLENT
- ✓ QUICK AND EASY TO APPLY
- ✓ INTERIOR AND EXTERIOR

PRODUCT DESCRIPTION

WoodGuard® Professional is a new-generation product for protecting bare or renovated wood.

It penetrates deep into all the fibres of the wood to make the wood completely impermeable to water, grease and stains. WoodGuard® Professional protects the wood, enhances its durability and simplifies its maintenance.

Once applied, WoodGuard® Professional is a completely colourless product that does not alter the structure and natural appearance of the wood (its figure, grain, etc.). It is a non-film forming product that allows the wood to breathe. It does not peel, blister or yellow.

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

USE

WoodGuard® Professional can be applied indoors and outdoors to all bare wood, e.g. pine, spruce, Douglas fir, pressure-treated wood, etc. It is ideal for treating weatherboarding, fencing, window shutters, floors, decking, panelling, garden furniture, saunas...

CHEMICAL NATURE

- Fluorinated acrylic copolymer.

ADVANTAGES AND CHARACTERISTICS

- Excellent protection against water, dirt and stains.
- Significantly reduces moisture absorption.
- Limits surface growth of moss and lichen.
- Colourless after drying: preserves the natural appearance of the wood.
- Does not yellow.
- Non-film forming, allows the wood to breathe.
- Easy to clean.
- Ready to use and easy to apply.

ENVIRONMENT

Ecological and respects the environment:

- Water-based product.
- No petroleum-based solvents.
- Silicone-free.
- Safe and non-toxic.
- More than 80% biodegradable*.
- VOCs < 60 g/L*.

CONTAINERS

1, 5 and 25 litres.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Colour	: Milky
Odour	: None
pH	: 8 ± 0.5
Boiling point [°C]	: 100°C
Relative density	: 1.01 ± 0.005
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**, rinse thoroughly, clean off all dust and dry the wood.
- **Damaged wood:** sand down to bare wood, clean off all dust and dry the wood.
- 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.

Application :

- Use the product neat: do not dilute.
- Shake the product well before use.
- 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 in the expected conditions and allow to dry for 24 hrs, particularly on resinous wood and exotic wood. Check the result by wetting the substrate.
- Apply in the direction of the wood grain and if possible on all visible surfaces.
- The substrate must be impregnated with two wet-on-wet layers until saturated.
- Apply sparingly, removing all excess with a rag.
- 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, 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.
- 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.

APPLICATION TOOLS

- Apply with a graining brush or roller.



MAINTENANCE ADVICE

- Household stains can be sponged off with a pH-neutral household detergent.
- A maintenance layer is recommended. This depends on the 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:

145 to 170 g/m² 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: 24 months from date of manufacture, in original unopened can.

HEALTH AND SAFETY

- **Breathing protection:** No breathing protection equipment is required under normal use conditions with suitable ventilation.
- **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

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

www.guardindustry.com

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