



# OrganoWood® 01 Wood Protection

## Product description

Base coat (step 1 of 2) to give the wood a light, silver-grey patina. The treatment also provides better protection, as the wood fibres are physically encapsulated with silicon molecules, which counteracts the degradation process.

The product is colourless and does not noticeably alter the colour of wood immediately after application. It can be used for surface treatment of virtually all pressure-impregnated and untreated wood. For pressure-impregnated wood, the effect lasts for up to 10 years. Treated surfaces are diffusion-open.

01 Wood Protection is part of the OrganoWood® Wood Protection System.

## The greying process

The greying process requires sunlight (UV light) and water, but the time this takes varies depending on weather conditions. The effect normally becomes visible after a few weeks. Initially, the colour change has a somewhat speckled appearance.

After about 1 year, treated wood placed outdoors in sunlight acquires a uniform silver-grey lustre. This may take longer for wood in shaded areas. Horizontally-mounted wood typically undergoes a more rapid greying process than vertically-mounted wood.

## Areas of application

The Wood Protection System is used for the surface treatment of wood outdoors in patios and gardens, for example decks, fencing, planter boxes, outdoor furniture and jetties. It is also suitable for untreated facades. It is recommended for pressure-impregnated wood, heat treated wood, pine, spruce and larch.

The silicon penetration is most effective with absorbent types of wood, such as pine and spruce. For wood with a low absorption capacity, a short-term change in colour may occur. The products in the Wood Protection System can be used on wood that has previously been treated with oil, lacquer or glazing paint if the previous treatment has worn away. Wood treated with OrganoWood® should not be painted over.

01 Wood Protection should also be used for OrganoWood® silicon-impregnated wood, for example on cross-cuts, after making holes and for maintenance. For more information, visit [www.organowood.com](http://www.organowood.com)

## Eco-labelled and environmentally classified

OrganoWood 01® Wood Protection is water-based and consists of silicon minerals and natural plant substances.

01 Wood Protection is eco-labelled with the Swedish Society for Nature Conservation's "Good Environmental Choice", is listed in the Swan Ecolabel Building Product Portal and can be used in Swan eco-labelled buildings.



The information and guidelines in this product data sheet are based on the product's safety data sheet, OrganoWood AB's test results and accumulated experience. OrganoWood AB does not take any responsibility for incorrect use of the product.

Manufacturer: OrganoClick AB, Linjalvägen 9, 187 66 Täby, Sweden. [info@organoclick.com](mailto:info@organoclick.com), +46 (0)8 674 00 80. [www.organoclick.com](http://www.organoclick.com)

Valid from 01-09-2022. The latest version of this product data sheet is available at [www.organowood.com](http://www.organowood.com)



OrganoWood®



It has also been awarded environmental classification B by SundaHus and is recommended by Byggvarubedömningen and BASTA.

## How to use it

Apply 01 Wood Protection to dry, clean wood. New pressure-impregnated wood, pine or oak should be left to dry/air for 12 weeks before treatment. Avoid rain, dew or frost. Working temperature at least +10°C. Use approx. 1 litre for 8–10 m<sup>2</sup>. The ability of untreated sawn wood, for example facades, to absorb fluid is greater, so you will need to use more in these cases. Cover glass, metal and any other sensitive surfaces, as the fluid is corrosive.

1. Shake well before use. Pour 01 Wood Protection into a plastic container.
2. Apply in the direction of the wood's grain using a brush or roller. One coat is sufficient.
3. Allow to dry for 6–10 hours.
4. Complete the treatment with 02 Surface Protection.

Any surplus fluid may leave white deposits, which will disappear in time.

## Environment, safety and shelf life

Clean equipment with water before and after use. The product is alkaline. Eye and hand protection should be worn. In case of contact with eyes, rinse immediately with plenty of water.

Store at 5–30°C. The product must not be exposed to frost. Shelf life in well-sealed packaging 5 years. Once poured, do not pour the product back into the packaging.

The product is not classified as environmentally hazardous waste. However, we recommend that leftover concentrated fluid is taken to a recycling centre. Recycle the packaging as plastic.

## Maintenance

Maintenance washing with OrganoWood® Wood Cleaner is recommended. If the surface is mechanically worn, for example where people often walk or move furniture, or if the surface is washed with a strong wood cleaner or high-pressure washing (should be avoided), the wood fibres in the surface layer may be worn away and thus also the treatment. If this happens, re-treat the worn areas with 01 Wood Protection and complete the treatment with 02 Surface Protection.



Good Environmental Choice

**The complete Wood Protection System consists of** Wood Cleaner (pre-wash and maintenance wash), 01 Wood Protection (base coat) and 02 Surface Protection (top coat). 01 Wood Protection and Wood Cleaner are eco-labelled with the Swedish Society for Nature Conservation's "Good Environmental Choice".