

PREMIUM WOOD PROTECTION
AND SURFACE PROTECTION

Panel

FOR DURABLE SILVER-GREY BUILDING SIDING



SiOO:X

WOOD PROTECTION

INNOVATIVE, ENVIRONMENTALLY ADAPTED WOOD PROTECTION

SiOO:X wood protection products are water based environmentally adapted*, with a unique, patented formula based on silicon. It gives the products outstanding penetration and a natural interface with the wood, resulting in a resistant, water-repellant surface. This improves the lifespan and wood-protecting effects. The result is a very long-lasting fresh and natural silver-grey wooden surfaces.

MAIN ADVANTAGES:

- Up to 15 years durability*
- You get a beautiful natural light silver-grey surface
- Helps to resist mildew and increases the woods owns defence against rot*
- The surface is easy to keep clean

OTHER ADVANTAGES (see also sioox.com/en)

- Dirt and water repellent
- Environmentally friendly wood protection with contents such as silicon potassium, natural plant parts and water*
- Strengthens the wood, thereby providing a longer lifespan and fewer cracks and splinters
- Vapor-permeable (the wood breathes)
- UV protection
- The surface is easy to keep clean

APPLICATIONS

Facades, siding, screens and other vertical surfaces. For new and old vertical sawn wood surfaces that is clean and has an open-pore texture. Sawn surfaces are necessary.

* Lifespan of up to 15 years applies to – Premium Wood Protection Panel. A second application of Surface Protection may be necessary after 4–7 years.

Read more at sioox.com/en or contact your dealer.

See sioox.com/en about Product technique, experiences and tests etc.



ABOUT PREMIUM PANEL

SiOO:X Wood Protecting system for panels consists of a base coat and an additional finish coat. Together they create an extra strong, dry and clean, natural silver-grey wood surface.

STEP 1, base coat, **Premium Wood Protection Panel**. The product opens up and penetrates into the wood. A crystal layer forms in the wood that strengthens and protects it for up to 15 years.

STEP 2, finish coat, **Premium Surface Protection Panel**. It penetrates into the wood, fixes the treatment, and forms a water-repellent outer layer.

INGREDIENTS

Premium Wood Protection Panel consists of silicon, potassium, natural plant parts and water. **Premium Surface Protection Panel** consists of a silicon emulsion and water. The product technology is tested as protection against rot in accordance with the standards EN 84 + EN 113. The products are approved for use above land in accordance with EN 335-2.

CONSUMPTION

Premium Wood Protection Panel:: On fine sawn panel 1 litre is usually sufficient to cover about 3–4 m² in two strokes. Older wood requires a larger quantity.

Premium Surface Protection Panel: On fine sawn panel 1 litre for about 8–10 m² per coat.

The products are sold in 1 litre, 3 litre and 5 litre containers. Suitable products are available for industrial application. Pretreated wood is available for order.

TIPS FROM THE WOOD DOCTOR:

Vertical panel is drier, cleaner and more durable than horizontal panel. Sawn wood absorbs the wood protection products much better than planed wood and is therefore strongly recommended.

ABOUT PANEL WOOD

Use sawn wood. Vertical assembly is preferable because it provides better run-off than horizontal; the finish will also be cleaner and have a longer lifespan. SiOO:X Premium Panel penetrate and unite with the wood. Suitable wood species include spruce, pine, larch and cedar. The lifespan of Premium Panel also depends on wood species, construction, maintenance and exposure (weathering). Use stainless/acid-proof screws, nails and fittings. Galvanized nails and screws may become coated with verdigris and leave "tears".

WOOD DEVELOPMENT

The silicon's curing process takes about 1-4 years. First, the surface is yellowish brown and a little blotchy. The curing and bleaching process starts on contact with water, and after 1-2 years your panel will begin to have a lovely, even silver-grey color. Since SiOO:X acts physically without anti-algae, can for example, extra black spores first occur before the process is complete, whereby the wood becomes stronger and cleaner *. The wooden surface then darkens slightly with time *.

CARE, MAINTENANCE AND DAMAGE

After about 4-7 years, you may need to surface treat the panel again. Keep the surface clean for best functionality. Debris and growth such as mildew, algae etc. may always occur outdoors. The SiOO:X surface may also be affected to some extent on the outside of the silicon shield, especially during damp periods, in shady areas and exposed places.

Actions:

1. Dry brush dirt and mildew off with a dense, medium-stiff brush.
2. Clean regularly with SiOO:X Maintenance Wash (No sooner than after one year)
3. Any growth can be remedied with an algicides. Use products with a pH of 3-8, which are gentler on the surface protection. You may need to repeat the panel treatment after 4-7 years. Clean with SiOO:X Maintenance Wash as needed, any unevenness in shade can thereby be adjusted.
4. If needed, apply another layer of Wood Protection and Surface Protection
5. After ca 15 years, clean the surface with SiOO:X Prewash and repeat the treatments

DIRECTIONS

PREPARATIONS

Cover furniture and objects made of glass and aluminum, as well as stone and tiles etc. – the products are slightly alkaline and can leave stains.

Clean the panel carefully with SiOO:X Prewash to remove residual paint and dirt etc. Do not use soap-based products. Sand away any residues. Rinse with water and allow the panel to dry thoroughly

REMEMBER

The surface must be dry. New pressure-treated wood must have dried for at least 6 weeks*. The timber needs to be dry. Avoid rain from the start until 60 minutes after the coat of step 2. Avoid application in warm sunlight because the treatment will dry too quickly. Lowest temperature for use: +6 C, highest +30 C. **Shake and stir before and during treatment.** Wipe away any spills immediately with a wet cloth. Treat the end grain and joints. We recommend that the timber should be fully coated when possible. For more information please see sioox.com/en.

STEP 1 – BASE TREATMENT

Generously apply **Premium Wood Protection Panel**. Using a wall brush, brush out carefully and let it penetrate the wood. Allow to dry for at least 2 hours. Then apply a second coat and allow to dry for at least 4 hours. Start with applying Wood Protection to the end grain, because it is especially sensitive.

STEP 2 – SURFACE TREATMENT, FIRST SEASON

When the second coat of Premium Wood Protection Panel has dried for at least 4 hours, apply **Premium Surface Protection Panel** using a broad brush or sprayer/brush; allow the surface to dry for at least 2 hours.

STEP 2 – SURFACE TREATMENT, AFTER 4–7 YEARS

Apply the second coat of Premium Surface Protection Panel after about 4–7 years; for more information please see sioox.com. Carefully clean the surface using Maintenance Wash and a soft brush. Allow the surface to dry well. Apply Premium Surface Protection Panel as described in the instructions for the first coat.

Can be finished with Premium Wood Protection Panel in particularly exposed areas. See also sioox.com/en.

ABOUT US

Since its inception in 1998, Sioo has conducted research and development of environmentally friendly wood protection products for both businesses and private individuals. We have research, production and head office in Gothenburg, Sweden.

OUR PRODUCTS:

Premium Deck – for decking, docks, outdoor furniture and other wood on the deck.

Premium Wood Protection Panel – for siding, fences and other vertical surfaces. Also available pigmented.

Premium Wood Protection Marine – for teak on boats.

Wood Protective Panel Colours – for sawn, vertical surfaces such as siding and fences. Available in six shades of grey.

PreWash Wood strengthening cleaning before SiOO:X-treatment. Cleaning of treated surfaces with heavy dirt and algae growth. Also dissolves and removes SiOO:X Surface Protection which then must be applied again.

Maintenance Wash – for cleaning wood that was treated with our wood protection product.

Pre-treated wood – high-quality wood with options for custom profiles and dimensions.

For more information about treatment and maintenance, as well as inspiration and advice, visit sioox.com/en.

Reservation for possible changes.

For the latest information, see sioox.scom/en.



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Sioo Wood Protection AB
www.sioox.com/en