

SiOO:X PREMIUM WOOD & SURFACE PROTECTION

# Marin

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FOR DURABLE, SILVER-GREY TEAK ON BOATS

LASTS UP TO

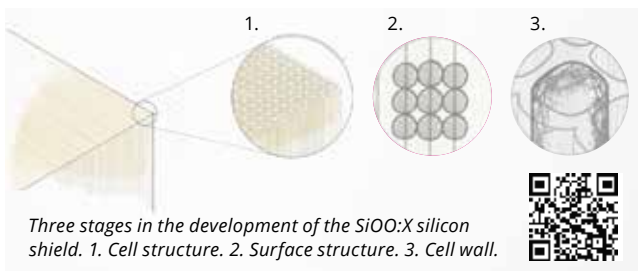
8

years

**SiOO:X**  
WOOD PROTECTION

# INNOVATIVE, ENVIRONMENTALLY ADAPTED WOOD PROTECTION

SiOO:X Wood Protection products are water-based and designed for minimal environmental impact. The result is fresh, natural looking wood surfaces that last for a very long time. The appearance changes gradually over time due to natural variations. SiOO:X is based on a unique, patented silicon-potassium formulation. The products penetrate and are naturally integrated into the wood. Over time they create a silicon shield (see image below) that strengthens and protects the wood from the inside out, on new or old teak as well as other hardwoods. The result is fresh, subtle and natural-looking silver-grey wood surfaces that last for a very long time.



## MAIN ADVANTAGES<sup>1</sup>

- Saves and revives old teak
- Up to 8 years durability
- Produces an attractive, subtle, pale silver-grey wood surface
- Reduces occurrence of mould and algae
- Protects against rot
- Water-based, low environmental impact
- Binds CO<sub>2</sub>
- Easy to maintain

## Mineralizes and strengthens the wood, resulting in:

- Dirt and water repellence
- UV protection and less blackening of the wood surface
- Less cracking and splintering
- Vapor-permeability (the wood breathes)
- Stronger wood with a longer lifespan

**APPLICATIONS:** Teak boat decks and teak furniture made from new or old teak.



<sup>1</sup> See [sioox.com](http://sioox.com) for tests and reports, information on the sustainability of different species of wood and specialist articles. Lifespan of up to 8 years for step 1 – SiOO:X Premium Wood Protection Marine. The reduction in mould and algae varies with factors such as time, season and location.



## **SiOO:X PREMIUM WOOD/SURFACE PROTECTION MARINE**

SiOO:X Wood Protection system for teak decks consists of two steps: a wood-protecting base coat and a supplementary finish coat. Together they penetrate and form a strong interface with the wood, resulting in long durability and natural silver-grey teak surfaces.

**STEP 1.** SiOO:X Premium Wood Protection Marine – penetrates, strengthens and protects the wood for up to 8 years<sup>1</sup>.

**STEP 2.** SiOO:X Premium Surface Protection Marine – fixes the treatment and forms a water-repellent surface.

### **CONTENTS**

**SiOO:X Premium Wood Protection Marine:** Silicon, potassium, natural plant parts and water.

**SiOO:X Premium Surface Protection Marine:** Silicon emulsion and water.

### **COVERAGE**

**SiOO:X Premium Wood Protection Marine:** 1 litre is sufficient to cover about 4–5 square metres in two coats on recommended teak surfaces. Dry, older wood requires more wood protection.

**SiOO:X Premium Surface Protection Marine:** 1 litre is sufficient to cover about 8–10 square metres per coat on recommended teak surfaces.

Products are sold in 1-, 3- and 5-litre cans.

The product technology is tested for protection against rot in accordance with standards EN 84 and EN 113. Products are intended for use above ground, user class UC 3 in accordance with EN 335.

### INFO FROM THE WOOD DOCTOR!

Silicon is found naturally in teak and has a protective effect. SiOO:X uses nature's own method for strengthening and protecting wood. The result is greater durability for your valuable teak deck.

*Herje Boström, CEO.*



## THE WOOD DEVELOPMENT OVER TIME <sup>1</sup>

At first the deck may appear yellowish brown and somewhat patchy. The process starts on contact with rain, moisture and CO<sub>2</sub> and the wood surface begins to take on a silver grey colour after 2-6 weeks. The surface brightens beautifully when the silicon hardens. This process takes up to 1 year for horizontal wood such as a teak deck. The light, beautiful wood surface then darkens slightly over time. Surfaces that are under cover turn grey more slowly.

## CARE, MAINTENANCE AND DAMAGE

The silicon shield created by the SiOO:X treatment protects the wood, but as always, dirt and algae may settle on the surface. This happens particularly during wet periods, in shady areas and in exposed locations. So try to keep the surface clean and remove dirt, debris, mould and algae, etc. The boat deck should be cleaned as needed, especially in exposed areas.

Maintain as follows, when needed:

1. When the deck is dry: brush away dirt, mould and loose fibers, etc., with a medium-stiff brush.
2. If necessary, wash gently with SiOO:X Maintenance Wash (pH 7). Avoid products with a pH lower than 5 or higher than 8, as they reduce the effectiveness of the surface protection. Avoid soft soap.
3. Any heavier growth can be remedied with algicides. Use products with a pH of 3-7, which are gentler on the surface protection.
4. To treat more stubborn deposits or surface damage, use SiOO:X Prewash, which has an effective deep-cleaning action. This will dissolve the surface protection. Re-coat as needed with SiOO:X Wood Protection Marine and/or SiOO:X Surface Protection Marine.
5. After long wet periods, loose fibers may appear on the surface. This is due to an excess of the surface protection, and usually appears on poorly draining surfaces after the first winter. The fibers are generally washed away by rain, or can be brushed off. You should therefore only apply a thin coat of SiOO:X Surface Protection Marine. When surfaces are wet the surface protection is more vulnerable to scraping and the like. Deeper wood is still protected by the wood protection, so brush away any fibers and then touch up the surface with SiOO:X Surface Protection Marine. The light-grey appearance will be restored within a month or two. See [sioox.com](http://sioox.com).
6. After about 8 years, clean the teak deck with SiOO:X Prewash and repeat the entire treatment. Read more at [sioox.com](http://sioox.com).

# DIRECTIONS

## PREPARATIONS

Protect all adjacent surfaces from splashes. This applies particularly to glass, aluminum, stone and tiles, etc. The products may leave stains. Use SiOO:X Prewash to remove loose paint, dirt, etc. Any remaining paint should be sanded off. Rinse off with water and allow the teak deck to dry thoroughly.

## KEEP IN MIND

The deck must be dry. Do not apply if the temperature is below 6°C, in bright sunshine or if there is a risk of rain between the time you start and 60 minutes after coating with step 2. If, however, more than 6 mm of rain falls on the wood protection you should apply another light coat of wood protection. **Shake well and stir during application.** Wipe up any spills with a damp rag.

## EQUIPMENT

A container, cleaning brush, cover sheet, rag, decking applicator or spray and paintbrush. Wear gloves and eye protection. Equipment can be cleaned with water.

## STEP 1 – BASE COAT

Apply a generous coat of SiOO:X Premium Wood Protection Marine using a decking applicator or spray and a paintbrush, brushing it out well and allowing it to penetrate. Leave it to dry for at least 6 hours (at no less than 15°C). Then apply a second coat and rub in using a rag for better results. Leave the deck to dry for at least 6 hours (at no less than 15°C). The curing time is longer at lower temperatures.

## STEP 2 – FINISH COAT, FIRST SEASON

Apply SiOO:X Premium Surface Protection Marine with a paintbrush, spray or decking applicator. Let the product soak in for a few minutes and brush it out well. The deck should be dry enough to use after around 1 hour.

## STEP 2 – FINISH COAT, SECOND SEASON

After approx. 12–18 months the teak deck will need an additional finish coat, which will seal the surface so that it lasts for many years to come. Wash clean with SiOO:X Maintenance Wash. Allow the surface to dry thoroughly. Then apply SiOO:X Premium Surface Protection Marine according to the instructions for the first season. The deck should be dry enough to use after around 1 hour. A further coat of the surface protection may be needed after a few years. On especially exposed areas, you may need to reapply wood protection/surface protection several times during the lifetime of the surface.

## ABOUT US

Since its inception in 1998, Sioo has conducted research and development of environmentally designed wood protection products for both business and consumers. Our products are based on a patented silicon-potassium technology. We have research and production facilities and offices in Gothenburg, Sweden.

### **SiOO:X PRODUCTS: (Local deviations may occur)**

**SiOO:X Premium Wood & Surface Protection Deck** – for decking, docks, outdoor furniture and other wood on the deck.

**SiOO:X Premium Wood & Surface Protection Panel** – for siding, fences and other vertical surfaces. Also available pigmented.

**SiOO:X Premium Wood & Surface Protection Marine** – for teak on boats.

**SiOO:X Wood Protective Panel Colours** – for sawn, vertical surfaces such as siding and fences. Available in shades of grey, brown and black.

**SiOO:X End Grain Sealer Step 1 & 2** – for wood ends, cuts, rips and joints.

**SiOO:X PreWash** Wood 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.

**SiOO:X Maintenance Wash** – for cleaning of SiOO:X treated wooden surfaces.

**SiOO:X Wood Protection treated wood** – high-quality wood with options for custom profiles and dimensions.

For best results, follow the product instructions. For more information about treatment and maintenance, and inspiring ideas and advice, visit [sioox.com](http://sioox.com).

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