

# SiOO:X APPLICATION INSTRUCTIONS

STEP

2  
OF  
2

## STEP 2 – SiOO:X SURFACE PROTECTOR

Premium Surface Protector is the second component of the SiOO:X Impregnation wood protection system. The Surface Protector binds the two component system together and prevents water penetration. The system is functionally effective and protects against rot, mould, black spores, algae, dirt and noxious insects. It neutralises cracks and fibre movement.

SiOO:X Impregnation cleans the wood and gives it a light, natural silver grey and beautiful lustre. The silver grey shade develops when the wood is exposed to moisture. It is not a result of pigmentation. The colour will be light-grey after 3– 8 weeks on horizontal wet surfaces and develops during the first year. SiOO:X Impregnation is UV resistant, waterrepelling and open to diffusion. The surface is firm and smooth. The SiOO:X Impregnation system gives a life of 10 years for decking surfaces, 15 years for cladding and is very easy to maintain. It is water based and friendly to the environment.

**PREPARATIONS:** Protect all adjacent surfaces from splashes (especially glass and aluminum). Use gloves and eye protection.

**APPLICATION ADVICE:** Avoid rain. Avoid application in strong sunlight because the treatment will dry too quickly. Lowest temperature for use: +6°C. Shake and stir before and during treatment. Wipe away any spills immediately with a wet rag. Don't forget to treat the end grain and joints. For more information please see [www.sioo.org.uk](http://www.sioo.org.uk).

**STEP 2 – PREMIUM SURFACE PROTECTOR:** When the Wood Protector has dried for at least 4 hours, and before any heavy rain, apply the coating of Surface Protector. Put it on evenly and abundantly with a soft brush or a sprayer. Permit the fluid to be absorbed for a few minutes. Then continue till the wood is saturated. The surface is ready to use after about an hour.

After 12 to 14 months the treated surfaces will have hardened. For horizontal decking surfaces it is recommended that a second coat of Surface Protector is applied after a year. At this stage clean the surface with an alkaline cleaner and a soft brush and then make the second application. After this is done the horizontal surface is sealed. With vertical cladding surfaces there is no need to apply a second coat of Surface Protector.

Should it rain before the Surface Protector is applied grey silicon crystals are deposited. The Wood Protector withstands some showers of rain but it is important to get the Surface Protector applied before heavy rain to seal the Wood Protector and to avoid wash out. The silver grey colouring develops and matures over time.

**WHAT IS PREMIUM SURFACE PROTECTOR?** The second of two steps in SiOO:X's silicon-based wood protection system.

**RESULT** A natural light silver-grey tough surface develops. Helps to resist cracking as well as algae, mildew and rot. The timber is UV resistant and vapour permeable.

**AREAS OF USE:** Beneficial for cedar, larch, douglas fir, sweet chestnut, oak, various modified woods such as ThermoWood and Kebony, heart pine, teak and some hardwoods. New as well as old timber can be treated including previously pressure impregnated timber.

**CONSUMPTION:** You will need about 8–12 m<sup>2</sup>/L per coat.

**EQUIPMENT:** Open container, brush or spray equipment. The treatment can be factory applied with vacuum coating equipment providing the benefit of good quality control and enveloping of the timber – see [www.sioo.org.uk](http://www.sioo.org.uk)

**HOW LONG DOES IT TAKE FOR THE WOOD TO BRIGHTEN?** Immediately after treatment the wood is yellowish brown. It brightens after contact with moisture. After about a year the surface will turn pale grey; after more time it will transition to a silver-grey patina.

**CARE:** Keep the surface clean with a neutral cleaner or SiOO:X Maintenance Wash. If any black spots occur locally these can be reduced by using the Surface Protector. If these persist the Wood Protector, which has a powerful cleaning effect, can be applied. Any black spots will disappear as the treatment matures. See [www.sioo.org.uk](http://www.sioo.org.uk).

**INGREDIENTS:** Silicon emulsion and water.

**WHAT DO I DO IF I HAVE QUESTIONS?** Read more at [www.sioo.org.uk](http://www.sioo.org.uk) or contact your dealer.

Store at temperatures of 5–30 deg °C. Shelf life in well filled sealed containers is up to 2 years. Dispose of used packaging as hard plastic. In case of contact with eyes or skin wash with water.



**SiOO:X**  
WOOD PROTECTION

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CONSUMPTION	1th treatment	2nd treatment
Premium Wood Protector	6–8 m <sup>2</sup> /litres	10–12 m <sup>2</sup> /litres
Premium Surface Protector	8–12 m <sup>2</sup> /litres	

**N.B.!** Consumption of fluid varies depending on the type of wood, surface structure and age. The products are sold in cans of 3 and 5 litres.