

# SiOO:X APPLICATION INSTRUCTIONS

STEP  
1  
OF  
2

## STEP 1 – PREMIUM WOOD PROTECTOR

Premium Wood Protector is the first component of the SiOO:X Impregnation wood protection system. It 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 a 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, water repelling 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:** SiOO:x can be used to treat new or old wood. If necessary clean the surface and remove any oil, paint, algae and blackened regions. Protect all adjacent surfaces from splashes (especially glass and aluminum). Use gloves and eye protection.

**APPLICATION ADVICE:** To get the best penetration it is recommended to use a sawn wood with a coarse surface structure. At the leasts sanding with a 60 grit paper will open the timber and help to achieve good penetration. Take up of the treatment depends on timber species and surface condition.

The timber needs to be dry. Avoid rain. Avoid application in strong sunlight as 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 cloth. Treat the end grain and joints. We recommend that the timber be fully coated when possible.

**STEP 1 – PREMIUM WOOD PROTECTOR:** Apply a first coat flooding the dry surface using a soft brush or sprayer. Let the treatment soak into the wood and brush away any excess. Allow to dry for at least 2 hours. Then in the same way apply a second coat and allow to dry for at least 4 hours.

**STEP 2 – PREMIUM SURFACE PROTECTOR:** Finish the treatment using the Premium Surface Protector again flooding the surface and brushing away any excess.



**WHAT IS PREMIUM WOOD PROTECTOR?** The first 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 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:** On sanded surfaces 1 litre is sufficient to cover 6–8 square metres with the first coat and 10–12 square metres with the second coat. With new sawn surfaces the uptake could be increased by 30%.

**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.co.uk](http://www.sioo.co.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.

**INGREDIENTS:** Silicon, potassium, natural plant parts and water. Tested according to standards EN 46 and EN 113.

### WHAT DO I DO IF I HAVE QUESTIONS?

Read more at [www.sioo.co.uk](http://www.sioo.co.uk) or contact your dealer.

Store frost-free. Shelf life in well-filled sealed container is up to 6 years. Dispose of used packaging as hard plastic. In case of contact with eyes or skin, wash with water.

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.