

## SiOO:x Premium WoodProtector Industry

### PRODUCT DESCRIPTION

SiOO:x Premium Wood Protector Industry is the first step of two of the SiOO:X potassium/silica based wood protection system. SiOO:x Premium Wood Protector contains silica and potassium which penetrates in to the wood structure and together with SiOO:X Surface protector creates a smooth, lustrous natural grey surface. The surface is water repellent, diffusion open, protects the wood and let the wood to breath naturally. The silica system binds together the fibres on the surface, prevents cracks and sticks and light rot. SiOO:X treatment decreases the moisture content of the wood giving dryer wood where algae have more difficult to grow and thus makes the cleaning easier. When the surface gets in contact with water a crystallisation process kicks off already after 2-4 weeks. By correct application and maintenance, the SiOO:X Premium Wood Protector will keep its' function for up to 15 years on panel and up to 12 years on decking.

### IMPORTANT TO THINK OF

SiOO:X Premium Wood Protector is applied twice, dry on dry and there after one coat of SiOO:X Surface Protector. Let the treated wood dry in an ambient temperature, approx. two hours between the two treatments. It is important to let the Wood Protector to dry slowly so that the product impregnates into the wood substrate. Do not use a wood dryer or accelerate the drying between and after the application of the Wood Protector. The temperature must be above+ 6C when applying and drying the SiOO:X treated wood. Freshly pressure treated wood must dry at least three weeks before SiOOX: treatment. The spillage must be immediately dried with a wet cloth, it is important that the SiOO:X will not dry on surface. This is equally important with the application machinery, wash out the equipment and tools immediately after the finished work, so that the SiOO:X is not allowed to dry.

### PREPARATIONS

SiOO:x Premium Wood Protector must be applied to dry and clean wooden surface. Protect all surfaces nearby from stains and drops, particularly important with glass and aluminium materials. Use gloves and eye protection. When applying Premium WoodProtector the temperature should be between +6°C och +30°C.

Agitate the contents of the SiOO:X container (package) thoroughly before and under the usage. SiOO:X fluids are Ready to Use and normally has not to be mixed with water. SiOO:X fluids are water soluble.

### APPLICATION

Shake the bucket or container, agitate before and under the usage. Preferably the whole volume of the container is emptied into the application machinery and used fully on one occasion. Apply Premium WoodProtector on dry surface, let it dry at least two hours, so that the surface feels 'finger dry'. Apply a second layer of Premium Wood Protector and let it dry at least 4 hours o that the surface feels 'finger dry'.

The surface of the wood is now ready for application with Surface Protector Industry, please see the product sheet for the Premium Surface Protector Industry.

If in any doubt regarding the methods of application or the machinery, please do contact Sioo's technical advice before the treatment or application.



### MAINTENANCE

See the Product Data Sheets for Premium Decking and/or Panel.

### PAINTING OVER

See the Product Data Sheet for Premium Decking and/or Panel.

**For maintenance and repairing use the SiOO:X Premium Surface Protector, Decking or Panel depending the end use of the wood product, decking or facades respectively.**

### RATE OF APPLICATION

**Must be checked with Sioo's technical advice before the application.**

Freshly Pressurere Treated wood, XX litre /m2  
heartwood, Cumaro, Kirai Siberian Larix, XX litre/m2  
Thermoash, Thermowood, XX litre/m2

### FAQ SiOO:X Wood Protector Premium Industry

#### what to do when it is foaming?

SiOO:X Wood Protector can under certain circumstances create foam when viciously agitated or pumped. Contact Sioo's technical advice for correct and efficient foam killer and other advise.

#### What happens when SiOO:X Wood Protector has been applied and is dry?

Take care of organising the process and work so that the Wood Protector has time to dry properly before applying the Surface Protector.

#### What happens if the Wood Protector comes on glass?

SiOO:X Wood Protector reacts with glass and therefor has to be cleaned off immediately. Dried SiOO:X is best taken off with a glass scrape or shave blade, rub on and off with a cotton rag and soap.

Observe that all machinery and equipment must be cleaned with water directly and immediately after finished work. Do not olet SiOO:X to dry in hoses, pipes, pumps, spray nozzles , equipment and similar. When in doubt , contact Sioo's technical advice and service.

Observe that Sioo now have SiOO:X Wood Protector in different Grey Tones as PanelColors. ( see separate data sheet for handling and usage of the SiOO:X panelColor).

When applying SiOO:X on earlier treated wood, or for example fire protected wood, or modified wood, contact Sioo's technical service.