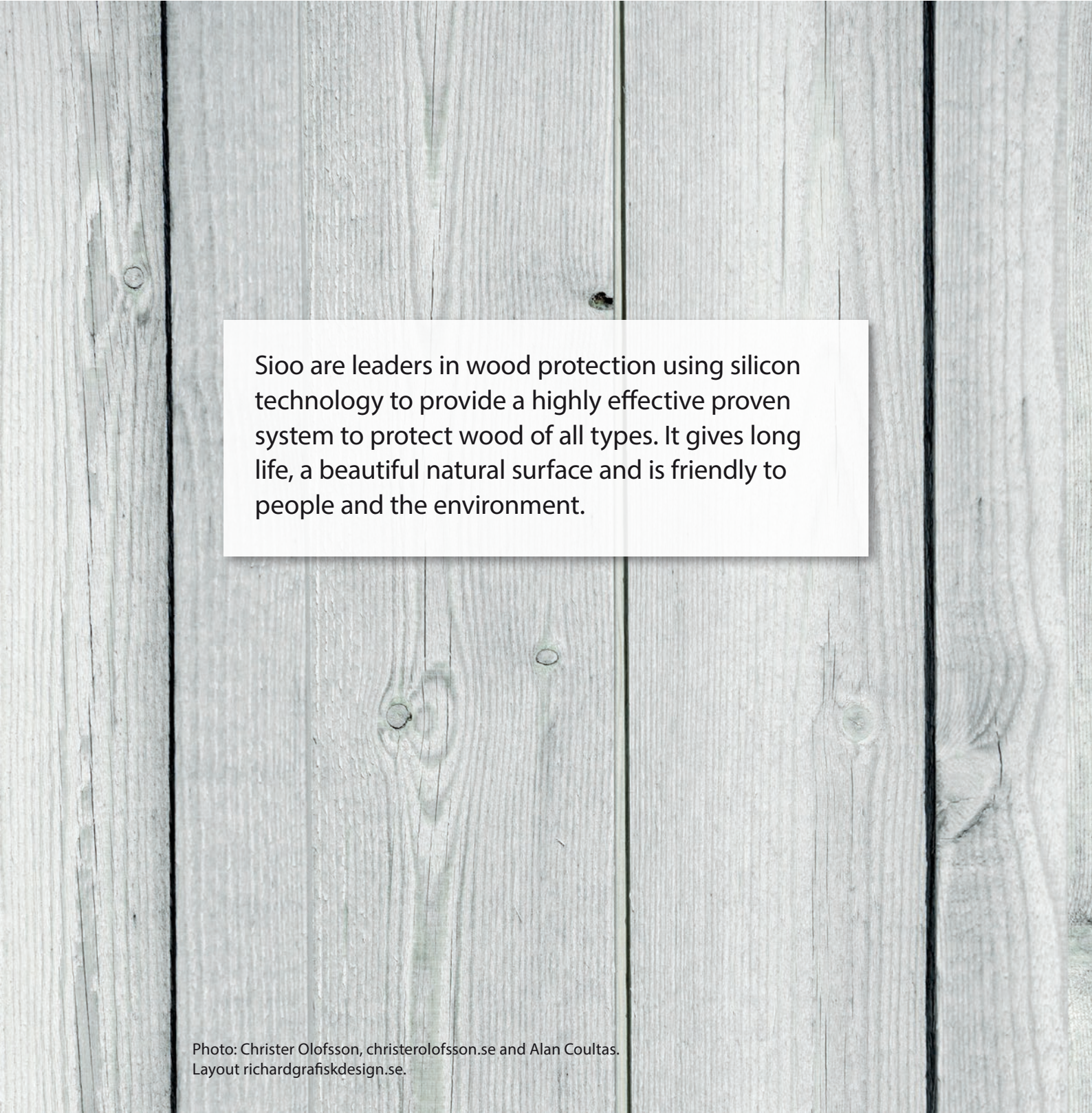


Sustainable Natural Wood Protection



The Wood Component Company

Sioo
WOOD
PROTECTION

The image shows a close-up of several vertical wooden planks. The wood has a natural, slightly weathered appearance with visible grain patterns and knots. A white rectangular text box is centered over the middle of the planks.

Sioo are leaders in wood protection using silicon technology to provide a highly effective proven system to protect wood of all types. It gives long life, a beautiful natural surface and is friendly to people and the environment.

PRESERVE
decks and cladding

SUSTAIN
natural appearance

PROTECT
for up to 15 years

INVEST
minimise life cost



Beautiful, sustainable wood with minimum maintenance

Sioo – perfect for decking, cladding or garden furniture!

Sioo penetrates the wood and gives a light surface that is pleasant to touch and walk on. Apart from the surface being beautiful, it also is a barrier to algae, mould and rot from gaining a hold on the wood. The surface is very easy to wipe down making maintenance simpler. The Sioo treatment reinforces and strengthens the wood surface and is very easy to apply. It is applied once as against the necessity of annual treatments with oils.

“We are very satisfied with Sioo’s performance on Vann Spa and have specified it and used it on several projects.”

The Wingårdh Practice

“Over the long term, Sioo is very economical. It protects while also making the wood look more attractive, which is fantastic!

Architect Johan von Wachenfeldt

SIOO impregnated spruce. Karlsson Wachenfeldt Architects.



Vann Spa Hotel, Lysekil, Sweden. Gert Wingårdh Architects.



Safe – Natural – Sustainable

Sioo's eco-friendly silicon technology leaves a beautiful wood surface with a natural silver-grey colour and a lovely lustre. Sioo Impregnation can be used in all areas where a clean, light wood surface is desired, or areas which need an effective barrier to dirt, mould, algae and wood-rotting fungi. The treatment has a mechanical effect.

Jetties and bridges are areas that are greatly exposed to weather and wind, making maintenance challenging. Here, Sioo Impregnation has great advantages with results showing up to 15 years of resistance. With its eco-friendly composition, it is particularly appropriate in sensitive environments.

Spruce panels, Bratteberg School, Öckerö, Sweden.



“*We are very grateful for the assistance of Sioo in helping us to preserve this much loved artwork – it truly has been given new life.*”

Lesley Garbutt, the Provost of Kirkcudbright

Mother and Child statue in Kirkcudbright, UK.



Treatment for wood – old and new

Cladding and vertical areas

Suitable areas of application for Sioo include wood cladding on buildings, fences, wall panels and bargeboards which gain a light surface that ages beautifully. Sioo resists the formation of algae and black spore particularly with the resinous timbers such as larch, cedar and oak.

UV weathering and uneven discolouration is prevented. The result is long lasting with minimal maintenance.

Decking, furniture and bridges

Areas of application include decking, jetties, bridges, furniture and artwork. The timber surface is strengthened preventing cracking and splinting.

Teak boat decks

Sioo Marine produces a fantastically beautiful surface on timber decks and details on boats. It reinforces the sensitive, valuable teak and makes it resistant to wear. The wood is actually conserved for a long time. It also resists the growth of algae.

Application process

Sioo is a very easy to apply two step process with a Wood Protection step and a Surface Protection step. These can be brush or hand spray applied and as they are non toxic no protective clothing is necessary. Timber can be **factory treated** by dipping, by brush and spray machine or by pressure impregnation.

Larch panel, teak furniture. Uddevalla, Sweden.



Teak deck on the boat "The Swan".



A Different Approach

Architects use timber in design in highly imaginative ways both visually and technically. Raw natural timber is a thing of great beauty and it deserves the very best form of wood protection to preserve it in this form and give long life. Most treatments do not achieve this.

Sioo is a breakthrough solution using silicates which is highly effective, gives long life and a finish entirely natural in appearance.

It is specified by architects and used by constructors and consumers attracted by its performance and appearance. Sioo produces excellent results for all types of wood, new as well as old. Larch, cedar, fir, spruce, oak, other hardwoods and thermowood all benefit when treated.

“ Thank you for recommending the Sioo which I have applied to the peripheral decking of our home in Scotland.

Our home is situated in the Galloway Forest and is exposed to the best and worst of the Scottish weather.

I have tried many products to provide effective protection without success. Having applied Sioo as recommended, I am very pleased with the result.

Sioo is very easy to apply, it has a lovely natural finish and it leaves the decking surface smooth and clean and very good to walk on, giving a firm grip even in wet conditions.

I regard this as a good investment with just the one application required and a low follow on maintenance over a long lifespan.”

Trevor Willans, Galloway, Scotland

Ålleberg Upper Secondary School, Falköping, Sweden.





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Made in Sweden

Sioo

WOOD
PROTECTION

Sioo Wood Protection AB based in Gothenburg have produced a significant breakthrough in wood protection technology which solves the traditional problems of caring for wood. Sioo's natural ingredients centred around the mineral silicon combine to quickly protect wood of all species, enhancing both appearance and performance.

Sioo has been specified in Scandinavia by world leading architects and end users for a decade because of its unique combination of advantages, particularly its sustainability and aesthetically pleasing appearance.

Now being specified and used in the UK by architects, constructors and end users, particularly for cladding and decking applications, the strength of the Sioo product in giving: long life protection against the formation of algae, fungus, spore and rot, UV discoloration, discolouring and splintering of the timber surface and poor ultimate protection of people, animals and the environment, is being seen and sought after. Sioo treated timber is beautiful to look at and it gets brighter, not darker, with age as the attached images of the Wachenfeldt house and the island of Ockero school illustrate.

Sioo's versatility allows for factory finishing or onsite application, protecting new wood or rejuvenating damaged wood back to health.

Over the life cycle Sioo Wood Protection is a highly economical investment and lower in cost than conventional treatments.



www.woodcomponents.ie