



## OrganoWood launches Silicium HT

**OrganoClick's subsidiary OrganoWood is now launching a completely new generation of wood that is sustainable and eco-labeled. The wood goes by the name Silicium HT and is the result of the company's continued innovation work to create a product completely free of heavy metals and biocides, unlike the majority of all impregnated wood sold today. With Silicium HT, there is now a new generation of completely non-toxic alternatives with even better rot protection and easier maintenance for the end consumer. The wood is available to order from 1 November.**

The new Silicium HT is the second generation of completely non-toxic wood from OrganoWood. In the manufacturing process, that imitates nature's own processes, heat and silicon minerals are combined. The new product is available to order from a selection of retailers from 1 November.

- We are so happy to finally be able to present Silicium HT, now there is a great alternative for those who care about sustainability, both in terms of wood and nature. Our green chemistry, completely without any harmful substances, is really something unique on the market and is possible, among other things, due to our multi-million investment in the world's largest high temperature vacuum dryer for wood, says Jens Hamlin, CEO of OrganoWood.

Silicium HT is the second generation of non-toxic wood from OrganoWood. In the product development, several methods have been combined to protect the wood. Heat and silicon are good methods separately, but combined they provide even better protection in a continued non-toxic production.

Silicium HT is available in two different qualities:

- **Silicium HT SELECT** - with wood from the best forests in central and northern Sweden, which consists of a high proportion of heartwood and smaller twigs.
- **Silicium HT SELECT PLUS** - with slow-growing wood from northern Sweden for increased proportion of heartwood and a calmer appearance, also finished with OrganoWood Wood Protection 02.

- You could say that we push a sandy beach into the wood, a nice alternative for everyone who cares about the climate. Silicium HT simplifies maintenance for consumers even more, and the wood has a really strong rot protection. It is simply a new technology for a new era, says Jens Hamlin, CEO of OrganoWood.

### **The manufacturing process produces unique eco-labeled wood**

The energy-efficient technology behind the impregnation of Silicium HT imitates some of nature's own well-proven methods - with silicon minerals, heat and vacuum. Silicon minerals strengthens the durability of the wood and creates a durable deep mineralization through organic catalysis. Heat and vacuum dry the wood and improve the silicon's ability to penetrate deeper. Heat helps the minerals to bind to the wood, which in turn helps the wood fibers to bind together better, which makes it difficult for rot and fungi to take root and develop. It also reduces cracks in the wood's surface, and removes nutrients. Vacuum lowers the boiling point of the process, which makes it energy efficient while maintaining the amplifying effects of heat without exposing the wood to harmful high temperatures.

This disclosure contains information that OrganoClick AB is obliged to make public pursuant to the EU Market Abuse Regulation (EU nr 596/2014). The information was submitted for publication, through the agency of the contact person, on 05-10-2021 09:00 CET.

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**About OrganoClick**

*OrganoClick AB (publ) is a public Swedish cleantech company listed on Nasdaq First North Growth Market. The company develops, produces and markets functional materials based on environmentally friendly fiber chemistry. Examples of products that are marketed by OrganoClick are the durable water repellent technology for textiles OrganoTex®, the biocomposite material OrganoComp®, surface treatment and maintenance products for villa and property owners under the brand BIOkleen®, biobased binder under the trade name OC-BioBinder™ and the flame and rot-resistant timber OrganoWood® (through the joint-venture OrganoWood AB). OrganoClick was founded in 2006 as a commercial spin-off company based on research performed at Stockholm University and the Swedish University of Agricultural Sciences within environmentally friendly fiber chemistry. OrganoClick has won a number of prizes, such as "Sweden's Most Promising Start-up" and "Sweden's Best Environmental Innovation", and has also received a number of awards, such as the WWF "Climate Solver" award, listed as a SUSTAINIA100 company and has also appeared for two years on the Affärsvärldens and NyTekniks list of Sweden's top 33 hottest technology companies. OrganoClick has its head office, production and R&D located in Täby, north of Stockholm. OrganoClick's Certified Adviser on Nasdaq First North Growth Market is Mangold Fondkommission AB, tel: +46 (0)8 503 01 551, email: [ca@mangold.se](mailto:ca@mangold.se).*