



Thoma
Holz100 Canada

kindergartens



Holz100 kindergartens

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Why wood?

The patented Thoma Holz100 design envelops our children with pure, solid wood! **Chemical-free, metal-free, 100% allergy friendly, warm and fragrant** - the most magical and most natural way to create for our children a real "garden" - the kindergarten.



Wood for my heart

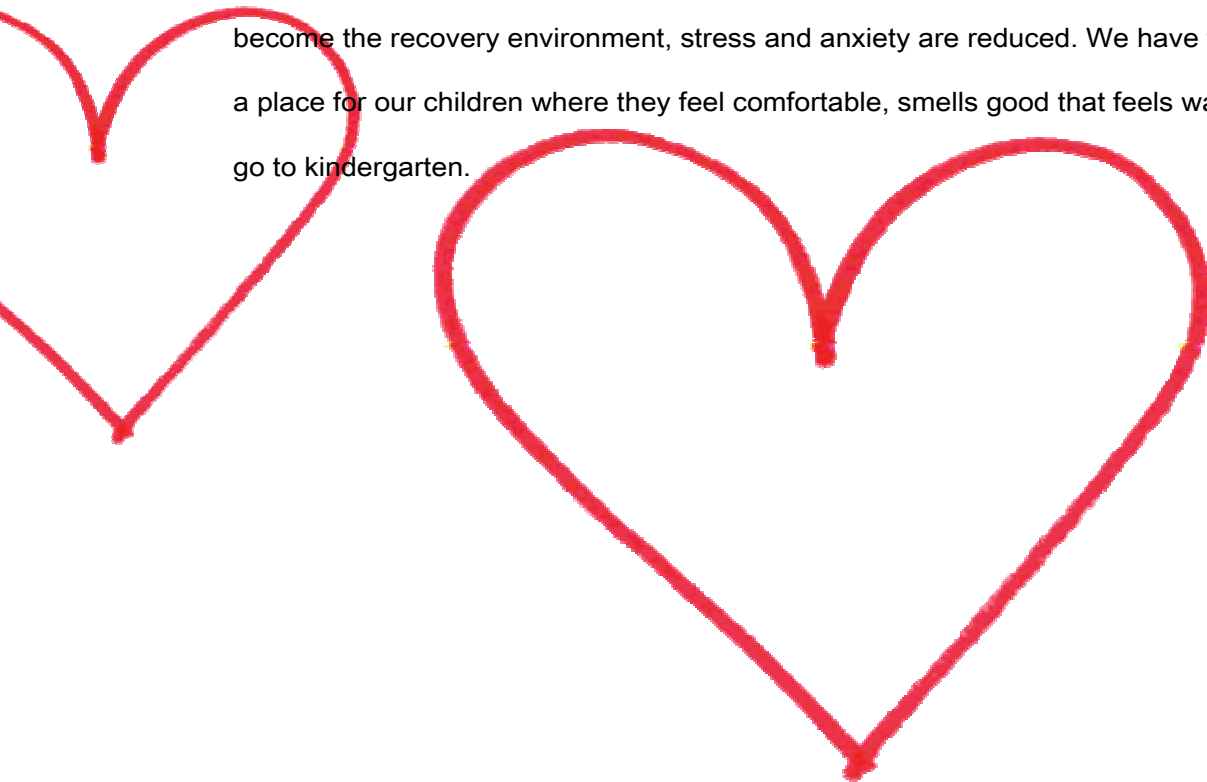
In kindergarten, I am reassured.

A study of Joanneum Research, the largest non-university research institution in Austria, has now finally proven it - **School built with wood spare two hours heart work!**

The heart works less, this means the children feel more comfortable, are quieter and balanced with expected long-term Health benefits.

Schools and kindergartens

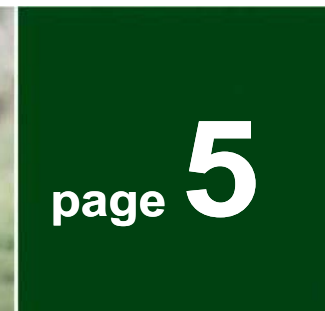
become the recovery environment, stress and anxiety are reduced. We have the ability to create a place for our children where they feel comfortable, smells good that feels warm - so they like to go to kindergarten.



Wood is so warm!

My kindergarten and its climate.

Holz100 achieved the world record in thermal insulation among all the static load-bearing building materials! It acts as a natural air conditioning - in the summer it stays cool, pleasantly warm in winter. Temperature extremes are well buffered by the natural building material. **The benefit - heating costs savings and well-being.**



In the wood I am safe.

In kindergarten, I can breathe!

Through and through wood - untreated and non-toxic - for perfect indoor climate, breathing walls without mold or condensate and for the environment.

No loss due to wood-glued cross-layer construction and no leaks and cold spots. Reducing the risk to zero. A building that breathes in all components!

For this reason Thoma gives a **50-year guarantee against mold and condensation.**

This guarantee you won't get with any other building materials manufacturer. A guarantee for the well-being of your children!



In the wood, I'm sure!

Fire protection - Safer than reinforced concrete!

3-5 times better fire safety than wood framed or reinforced concrete structures as well as brick claddings. Holz100 can withstand the static load capacity up to 150 (!) Minutes of flame at 900 to 1000 degrees Celsius. Thus, Holz100 surpasses every standard by far!

Safety during earthquakes, storms and floods - Serene and safe with all the forces of Nature!

Holz100 houses have survived numerous earthquakes in Japan unscathed, braved the strongest storms in German coastal regions and could be resupplied after floods without significant structural damage.

Multi-storey projecting, for example in the construction sector, also opens up new and fascinating ways for this system.



Wood is clean!

The experience of over 1000 Holz100 buildings, hotels, schools, offices and public buildings has shown us - cleaning is no extra effort, on the contrary. Wood is hygienic, natural and clean. The heating costs are significantly lower due to the thermal insulation world record and the maintenance and maintenance costs are also cheaper due to the durable and indestructible solid wood.



My kindergarten can do so much more...

100% Wood

Nothing but first-rate wood - in favor of nature and my health

Moonwood Cost

Wood harvested from the right time

Comparable, fair purchase costs, low operating costs

CO2 Balance

Wood binds CO2 - so that the earth is still so beautiful when I grow up.

Energy Balance

Energy saving passive house values.

Fast Assembly

Short construction times help save costs

No Moisture

No building moisture means no mold growth. Besides, I can go straight to the new kindergarten and do not have a headache because the new kindergarten is completely healthy and made of pure wood. One does not have to evaporate anymore.

Radiation Shielding Allergy-Friendly

The best possible protection against high-frequency radiation

Fungus resistant moon wood and natural house dust reduction through solid wood

Soundproofing

Find peace through the best sound insulation - noise from outside does not come to us - and that it is not too quiet ... there is no need to worry ...

Architecture Design

Tastes are different - suitable for every style

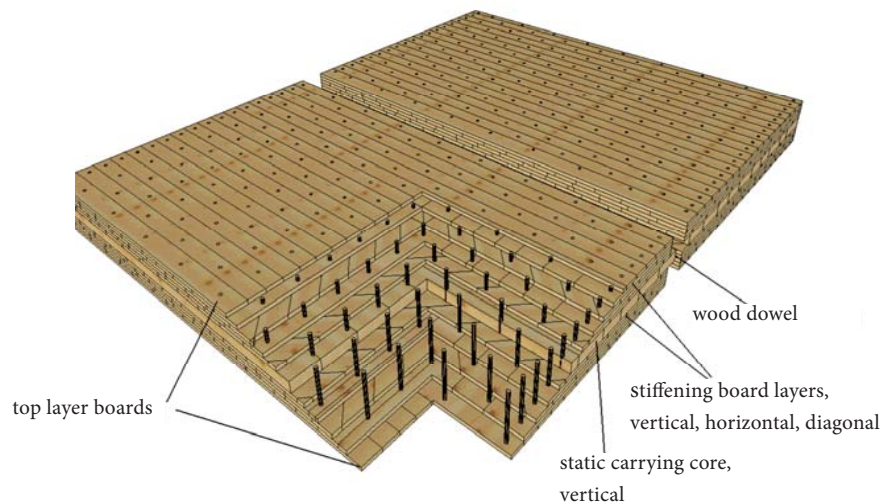


How does it work?

My Kindergarten from the inside.

Squared timbers and boards are stacked standing, lying and diagonally to form compact components. Compressed kiln-dry beech wood dowels penetrate these layers through the full thickness of the wall element. The dowels absorb residual surrounding moisture and swell inextricably, like firmly overgrown branches, into the surrounding woods. Powerfully, they combine the individual parts into a massive whole.

**Mechanical wooden dowel joints in place of harmful chemicals and glues -
Pure health for the garden of our children!**



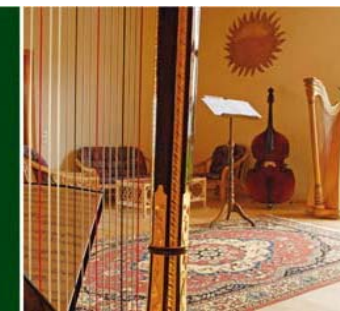
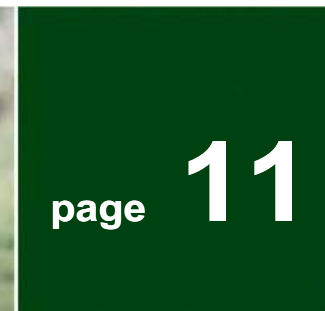
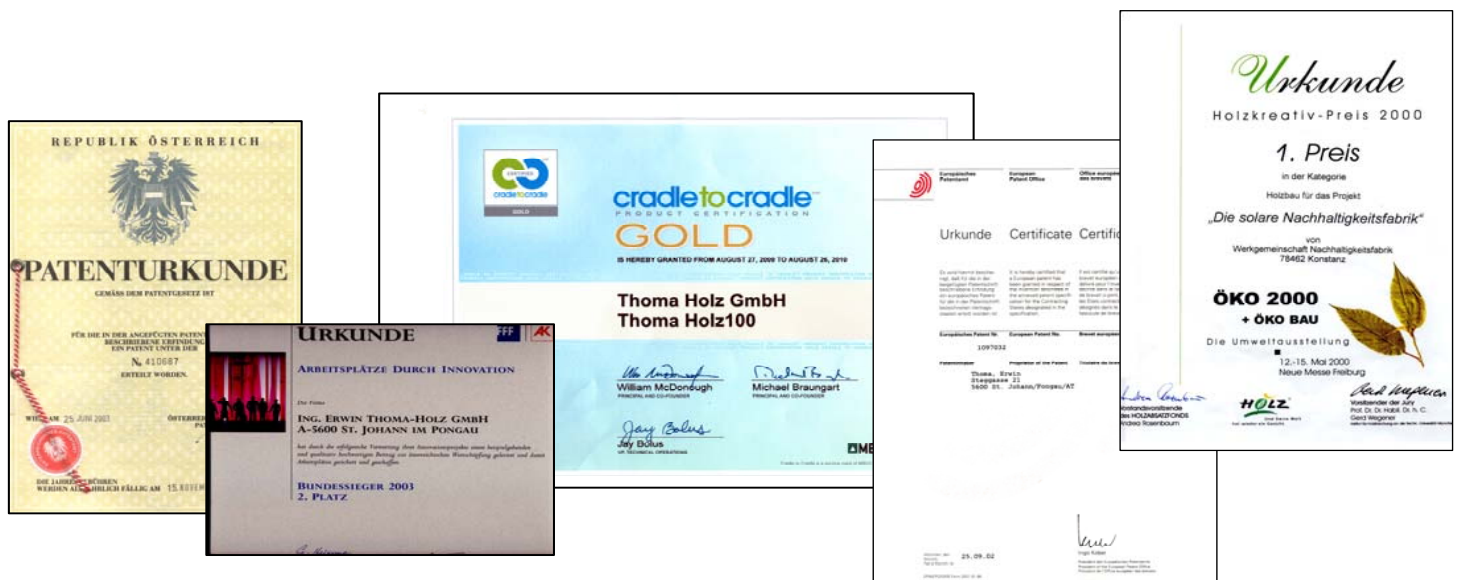
An award-winning system

All product features of Holz100 are by recognized research institutions such as the Universities of Vienna and Graz, Univ. FAF Munich, Fraunhofer Institute Stuttgart, Institute of Fire Protection and Safety Engineering Linz, Certified.

Public authorities have countlessly given awards to Holz100 in the fields of innovation, ecology, business efficiency, social and social engagement:

Austrian Federal Economic Chamber, Austrian Research Promotion Fund, Chamber of Labor, Kathy Beys Foundation, the federal states of Salzburg and Upper Austria ...

The public recognition for Holz100 is not only an honor, but also an inspiration to continue the great work in the future. Lastly, Holz100 is the first building system to ever receive a GOLD cradle-to-cradle certification! A outlook on sustainable development surpassing 20 years!



Holz100 Projects



Holz100 kindergarten in Oslo / Norway



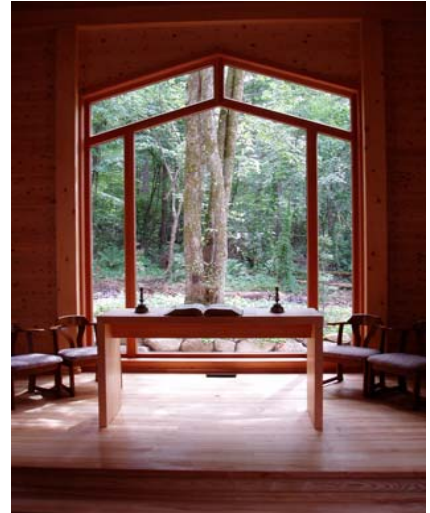
Holz100 China - Vital Center in Gars am Kamp / Austria



Holz100 Projects



Holz100 seminar hotel in Opaka / Norway



Holz100 Church in Hara Mura / Japan





Holz100 Projects



Hotel Urthaler, Seiser Alm / Italy

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