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# HEALTHY LIVING

Invisible but measurable



GOOD TO KNOW

**BAUWERK®**

*Parquet*

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*100 % healthy living*

# PARQUET FOR A HEALTHY LIVING CLIMATE

Bauwerk's 'Healthy Living' mark of distinction makes a significant contribution to your quality of life. Once you make a conscious decision in favour of healthy building materials, you have taken a big step towards personal well-being in your home.

As the largest 'piece of furniture' in terms of area, a wooden floor fills the home life with warmth and provides a healthy feeling of well-being in any room. As a healthy-living, sustainable, high-quality product, parquet ensures that you've made the right, long-term choice for yourself, your loved ones, and the environment. As a pioneer, Bauwerk emphasises the healthy-living and sustainability properties of its products through regular inspections by independent third parties, such as Eco-Institut and the Sentinel-Haus Institute, as well as with certificates and standards, such as the FSC® label and the demanding Cradle to Cradle™ certificate. All of this proves that Bauwerk makes parquet in a natural, eco-friendly manner. Cradle to Cradle™ Gold-certified products can also be recycled once their lifecycle ends.

Day after day, parquet flooring from Bauwerk gives you a perfectly balanced living atmosphere and a naturally healthy room climate – for sensual perception, intense sensations, for positive inspiration and new energy.

# GUARANTEED HEALTHY LIVING

With certificates issued by Eco-Institut and the Sentinel-Haus Institute, in addition to the Cradle to Cradle® certification, Bauwerk offers a unique health guarantee for home-owners and their families: Bauwerk products can be installed without hesitation, helping to create pleasant, healthy living interiors.

## Why this is important?

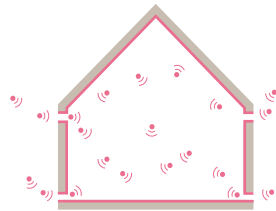
We spend 80 to 90% of our lives in closed rooms, breathing in 10 to 20 m<sup>3</sup> of air per day. Although airtight building envelopes make sense in terms of energy, ventilation is so far reduced that harmful substances may collect from a variety of sources. Approved building products are therefore an absolute must if we want to ensure a healthy room atmosphere. Together with the Sentinel Haus Institut, Bauwerk has been testing its products since 2010.

## Is parquet healthy per se?

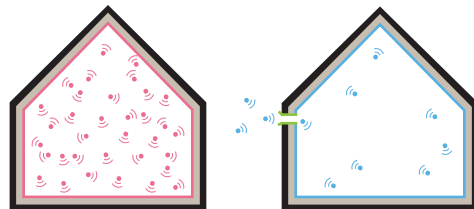
Wood is a natural, renewable raw material in and of itself; however, producing parquet involves adhesives, lacquers and oils. These are not automatically healthy living, and can still contain harmful substances even after product processing. All of these additional materials used by Bauwerk are completely harmless just like the wood itself once they are installed as parquet in your home. They are tested by independent institutes, and meet our ambitious claim of 100% healthy living.

## Better indoor air quality thanks to the right materials:

**Uninsulated buildings (past):**  
Permeable building envelope\*



**Insulated buildings:** Airtight building envelope\*



- Building envelope
- Insulation
- Conventional building materials
- emission-optimised building materials
- Ventilation system

\* with all exterior surfaces including facade, basement, roof, windows, doors

Source: Sentinel Haus Institut

## Innovative sound reduction

Our ears perceive intrusive sounds or fast changes in sound levels as noise. Glued-down parquet drastically reduces walking noises. With Silente technology, Bauwerk has developed an innovative system solution that contributes even more to the reduction of walking and impact noises, which is very important when it comes to renovations.

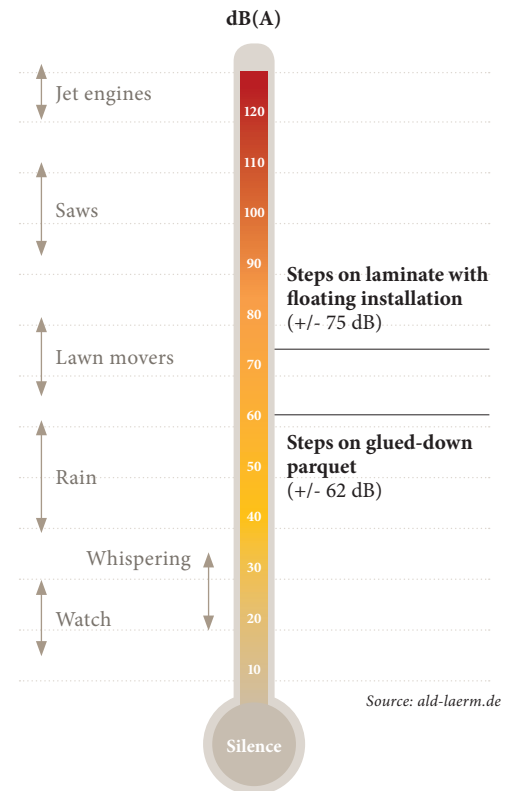
## Disturbing odours

Unpleasant indoor smells can originate from various sources. These include paint, lacquer, wooden composites, adhesives and insulations, but also cleaning and care products. Talk to your floor installer about building materials. It is essential that the appropriate adhesives and healthy living cleaning and care products are used for installation and for use. Did you know: parquet by Bauwerk does not smell unpleasant – on the contrary. It is also 100% healthy living, and once the parquet is installed, you can immediately move back into your living space.

## Invisible but measurable

High health standards in homes are not reached by accident, they can be planned and measured. In addition to pleasant acoustics and ambient air free from harmful substances, parquet offers even more impressive advantages: there is no static charge, it feels warm under cold feet and it remains pleasantly cool on hot summer days.

## Noise thermometer Everyday sounds







*Facts about healthy living*

# HEALTHY LIVING HAS MANY FACETS

Healthy living is in vogue. Thousands of guides and blogs show ways and possibilities to integrate sports, food, mindfulness or deceleration properly into everyday life. Healthy living relates to a diverse range of topics, and is becoming increasingly important in construction and interior design.

We spend

**80–90 %**

of our lives in closed rooms.

**1/3**

of all Europeans have  
asthma or allergies.

Only

**28 %**

of people have  
sufficient ventilation  
in their living spaces  
in winter.

On average,  
a person takes

**20'000**

breaths every day.



*Tips*

## FOR A PERFECT AMBIENT CLIMATE

Humans and parquet floors feel most comfortable in the same climatic conditions: the temperature should be between 20 and 22 °C and air humidity between 30 to 70 %. These are the optimum conditions to ensure your well-being in your home. Wood tangibly improves the perceptible ambient climate.

- › The ideal room temperature is 20° to 22 °C.
- › Relative humidity should not decline below 30%, even in winter.
- › In the winter months, or the heating period, we recommend airing your flat intensively for a short period. 5–15 minutes are sufficient. The lower the external temperature, the shorter the airing.
- › We recommend installing additional sources of humidity during the heating period, such as indoor plants or humidifiers.





Good-quality indoor air

# INVISIBLE BUT MEASURABLE

The healthy properties of products by Bauwerk Parkett have been successfully tested by independent, qualified institutions, meeting Eco-Institut's strict criteria, and demonstrate excellent performance in the building assessments carried out by the Sentinel Haus Institute, Minergie Eco, DGNB and LEED.

The threshold values required to gain the Eco-Institut label are considerably stricter than what is required by law, or the quality certifications for other types of flooring as can be seen in the following table:

Parameter	AgBB 2018	Eco-Institut label 2018
TVOC after 28 days	1000 µg/m <sup>3</sup>	300 µg/m <sup>3</sup>
Formaldehyde after 28 days	100 µg/m <sup>3</sup>	36 µg/m <sup>3</sup>
Ammonia	100 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>
Mutagenic substances and reproductive toxins	not assessed	1 µg/m <sup>3</sup> per single value
Material tests	No	Yes
Odour test	No	Yes
Composition analyses (AOX, EOX, phthalates, plasticisers, substitute plasticisers, organic tin compounds)	not assessed	yes, with thresholds

The online database of the Sentinel Haus Institut provides an overview of all emission-tested building materials as well as information regarding their health properties: [sentinel-haus.eu](http://sentinel-haus.eu)





In St. Margrethen, Switzerland,  
63 % of the entire Bauwerk product  
range is manufactured.

*Cradle to Cradle®*

# BAUWERK AWARDED GOLD AND BRONZE

Bauwerk is not only the first wooden-floor manufacturer to obtain Cradle to Cradle® certification, but it is also the first company in the world whose entire production facility received this certification as well. All of our products made in Switzerland are Cradle to Cradle™ Bronze-certified, and all of Bauwerk's Silente products even have a Cradle to Cradle™ Gold certificate.

## **Five-stage Cradle to Cradle Certified™ Scorecard**

As the name implies, the Cradle to Cradle Certified™ certificate does not begin with the finished product. The comprehensive certification process involves five areas: material health, material re-utilisation, energy, water and social responsibility. Depending on the results in these defined areas, certification is awarded in the categories 'basic', 'bronze', 'silver', 'gold' and 'platinum'.

## **Cradle to Cradle Certified™ thus goes a lot deeper than most other certifications.**

Accredited experts assess the holistic production process, composition, use and re-utilisation of all production components. EPEA Switzerland acts as a knowledge trustee in the complex certification process, assessing suppliers' compositions along the entire procurement chain down to the molecular level.

Hence Bauwerk offers architects and home builders more than versatile modern parquet flooring. Bauwerk's Cradle to Cradle Certified™-products guarantee top recoverability, security and the safe knowledge that they contribute to the health of humankind and nature alike.

## **When the cycle is closed**

As the first wood flooring manufacturer, Bauwerk boasts the Cradle to Cradle Certified™ Gold for all Silente parquet floors. Moreover, all the products manufactured at the production site of St. Margrethen are Cradle to Cradle™ Bronze certified. Bauwerk has succeeded, as the first company worldwide, to certify all the products from one production site. A process that required five years of hard work and the review of the entire supply and production chain.





Since 2021 our printing products are also Cradle to Cradle™ Bronze certified.

*Symbiosis of humans and nature*

# BECAUSE WE CARE ABOUT NATURE

Anyone who works with wood develops a special feel for nature. We also care about people, be they our employees, suppliers or clients. We also care about people, be they our employees, our suppliers or our clients. Bauwerk Parkett generally seeks win-win situations for people, the environment and the economy, because they are a model for the future.

With the motto of 'symbiosis between humans and nature', Bauwerk is committed to improvements in environmental responsibility, healthy living and social ethics. Bauwerk Parkett has developed a roadmap with initiatives for the coming years based on the GRI standard for sustainability reporting. This required setting specific goals and metrics for all business processes.

## **Key topics:**

- › Healthy living: making high-quality parquet floors as well as accessories that are healthy, i.e. natural, quiet and controlled.
- › Emissions and climate change: we only process wood from sustainable forestry sources, and keep emissions as low as possible.
- › Resource efficiency: we prevent resources from being wasted wherever possible throughout the entire process, thus maximizing our resource efficiency.
- › Ecological and sustainable supplier management: Selecting suppliers according to sustainability criteria, working with suppliers according to principles of sustainable and fair business relations with social responsibility.
- › Healthy, happy employees: as a reliable, fair and responsible employer, we offer secure jobs to our employees.



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In 1935, Ernst Göhner brought the idea of solid parquet to series production before founding Bauwerk Parkett in 1944. Since then, Bauwerk has been researching, developing and manufacturing innovative, aesthetic parquet solutions of the highest quality with great passion and Swiss precision. Original parquet floors from Bauwerk, one of the leading parquet manufacturers in Europe, offer the unique feel of a piece of real nature that provides tangible warmth and healthy living for a perfectly balanced atmosphere in any room. *bauwerk-parkett.com*

