

# HEALTHY LIVING

Invisible, yet measurable



**BAUWERK**

*Parkett*



## Parquet for a healthy living climate

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 Parkett emphasises the healthy-living and sustainability properties of its products through regular inspections by independent third parties, such as eco-INSTITUT and the Sentinel Holding Institut, as well as with certificates and standards, such as the FSC® label and the demanding Cradle to Cradle® certificate. This demonstrates how naturally and environmentally friendly our parquet is produced.







# Guaranteed healthy living

With certificates issued by eco-INSTITUT and the Sentinel Holding Institute, in addition to the Cradle to Cradle® certification, Bauwerk Parkett offers a unique health guarantee for home-owners and their families: Products from Bauwerk Parkett can be installed without any concern and contribute to a pleasant and healthy indoor environment.

## Why this is important?

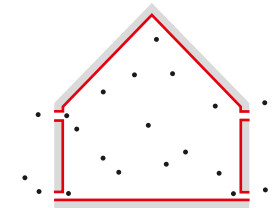
We spend 80 to 90 % of our lives in closed rooms, breathing in 10 to 20 m<sup>3</sup> of air per day. Although airtight building envelopes make sense in terms of energy, ventilation is so far reduced that harmful substances may collect from a variety of sources. Approved building products are therefore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

## Is parquet healthy per se?

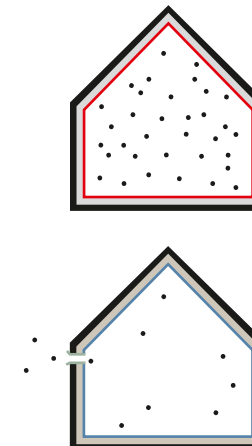
98% of our parquet is wood, an organic material that comes into being through unique living processes in nature. Simply put, wood just needs sunlight, air and water to grow. Wood is a natural, renewable raw material in and of itself; however, producing parquet involves adhesives, lacquers and oils. These are not automatically healthy living, and can still contain harmful substances even after product processing. All of these additional materials used by Bauwerk Parkett 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 Holding Institut

## Invisible, yet measurable

### Pleasant acoustics

Our ears perceive intrusive sounds or fast changes in sound levels as noise. Glued-down parquet drastically reduces walking noises.

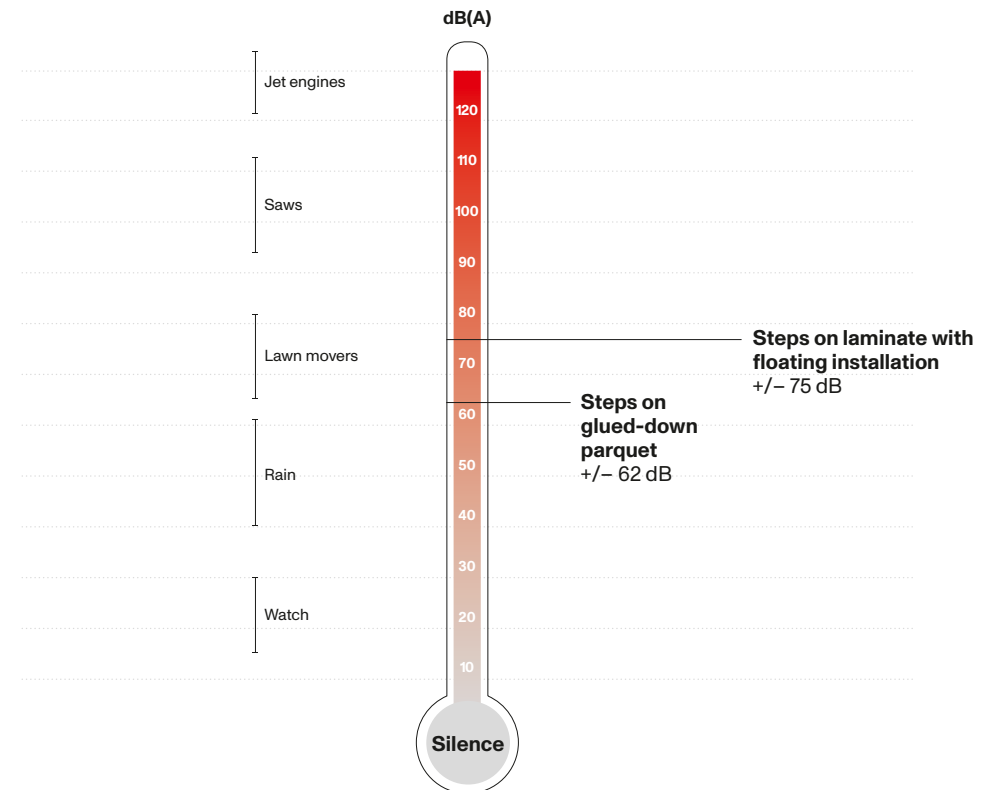
### Disturbing odours

Unpleasant indoor smells can originate from various sources. These include paint, lacquer, wooden composites, adhesives and insulations, but also cleaning and care products. We recommend discussing building materials with your floor installer at an early stage. It is essential that the correct adhesive as well as healthy cleaning and care products are used during installation and initial maintenance. Did you know: Bauwerk Parkett floors do not emit unpleasant odours – quite the opposite. They are 100 % healthy for living, which means rooms can be occupied without hesitation immediately after installation.

### Invisible, yet 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, wood floors offer even more impressive advantages: there is no static charge, they feel warm under cold feet and remain pleasantly cool on hot summer days.

Noise thermometer

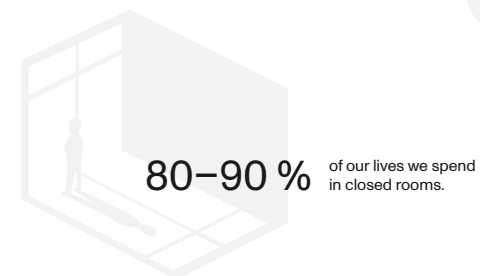
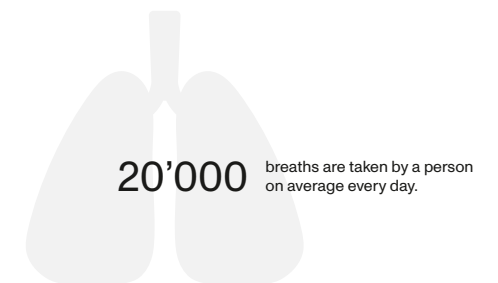




## Facts

### about healthy living

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.







## Tips for a perfect 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 home 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, yet 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 Holding Institut, 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 2024	eco-INSTITUT-Label 2023
TVOC after 28 days	1.0 mg/m³	300 µg/m³
Formaldehyde after 28 days	100 µg/m³	36 µg/m³
Ammonia	149 µg/m³	100 µg/m³
Mutagenic substances and reproductive toxins	1 µg/m³ per single value	1 µg/m³ per single value
Material emissions	No	Yes
Odour test	Voluntary	Yes
Composition analyses (AOX, EOX, phthalates, plasticisers, substitute plasticisers, organic tin compounds)	Not assessed	Yes, with thresholds



SENTINEL HOLDING  
INSTITUT



The online database of the Sentinel Holding Institut provides an overview of all emission-tested building materials as well as information regarding their health properties.





Bauwerk Parkett 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 2-layer products manufactured in Switzerland are certified **Cradle to Cradle® Bronze**.

#### **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 testing criteria encompass the use of healthy materials, the reusability of products (circular economy), climate protection, the responsible treatment of soil and bodies of water, as well as social justice. 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 knowledge trustee in the complex certification process, assessing suppliers' compositions along the entire procurement chain down to the molecular level.

Hence Bauwerk Parkett offers architects and home builders more than versatile modern parquet flooring. Bauwerk Parkett'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.









### **Bauwerk Parkett – Built for a lifetime**

What began in 1935 with the invention of solid parquet by Swiss pioneer Ernst Göhner, sets new standards for ambitious design and healthy living today. Just like every tree and every piece of wood, each of our responsibly manufactured planks is sustainable and unique. A fusion of Swiss engineering and authentic nature results in extraordinary living experiences: today, and for future generations. [bauwerk-parkett.com](http://bauwerk-parkett.com)