



## Recommended products for good indoor air quality

The Sentinel-Haus-concept ensures optimal indoor air quality including contractually agreed target values. This is achieved by the use of tested and approved products as well as training of involved craftsmen, architects and engineers. Products with influence on the indoor air quality have to meet the requirements of the German "Ausschuss zur gesundheitlichen Bewertung von Bauprodukten am Umweltbundesamt" (German Environmental Protection Agency). These requirements are complemented by criteria and limit values of various acknowledged institutions. We herewith attest the suitability of the following Bauwerk Parkett AG products with respect to indoor air quality:

### **Engineered wooden flooring: (with lacquered, nature oiled und B-Protect surfaces)**

- Bauwerk Silverline Edition, 2-layer
- Bauwerk Master Edition (Silverline-Format), 2-layer
- Bauwerk Formpark 520 / 780, 2-layer
- Bauwerk Villapark, 2-layer
- Bauwerk Formpark Mini 380 / 570, 2-layer
- Bauwerk Master Edition (Studiopark-Format), 2-layer
- Bauwerk Studiopark, 2-layer
- Bauwerk Trendpark, 2-layer
- Bauwerk FlowEdition (Trendpark-Format) 2-layer<sup>1</sup>
- Bauwerk Megapark, 2-layer
- Bauwerk Cleverpark, 2-layer
- Bauwerk Cleverpark Silente, 2-layer
- Bauwerk Vintage Edition, 2-layer
- Bauwerk Unopark, 2-layer
- Bauwerk Solopark, 2-layer
- Bauwerk Monopark, 2-layer
- Bauwerk Multipark, 2-layer
- Bauwerk Multipark 9.5, 2-layer
- Bauwerk Multipark Silente, 2-layer
- Bauwerk Prepark, solid
- Bauwerk Prepark Komfort, solid
- Bauwerk Casapark 139 / 181 / 221, 3-layer<sup>2,3</sup>
- Bauwerk Triopark, 3-layer<sup>4</sup>
- Bauwerk Massivpark, solid

### **Solid parquet unfinished:**

- Bauwerk solid parquet (unfinished)
- Bauwerk solid on-edge parquet (unfinished)

### **Glue:**

- Bauwerk F5 Plus
- Bauwerk MS40 Plus
- Bauwerk MS35 Object

The afore-stated adhesives comply with the strict requirements of the Sentinel Haus Institut with respect to indoor air quality also.

In test chambers of the eco-Institute Cologne Total Values of Organic Compounds (TVOC) have been measured, that undercut the limit value of  $300 \mu\text{g}/\text{m}^3$  stated by the Sentinel Haus Institut after 28 days. The limit value of Formaldehyde also meet the SHI criteria.

The Sentinel Haus Institut recommends the use of the afore-stated products because of the ascertained characteristics with respect to indoor air quality.

Remarks for atopic patients, allergy sufferers and sensible persons:

Those products made from oak wood emit slightly increased quantities of acetic acid, which is a natural ingredient of oak, associated with the typical scent of oak. Please seek expert advice if necessary.

Those products made of smoked oak may emit slightly increased quantities of ammonia. Nevertheless these products meet the requirements of the "Ausschuss zur gesundheitlichen Bewertung von Bauprodukten am Umweltbundesamt" (German Environmental Protection Agency). Please seek expert advice if necessary.

<sup>1</sup>This product made from ash wood emits  $359 \mu\text{g}/\text{m}^3$  and therewith exceeds the required maximum value of TVOC. It is therefore approved by individual assessment, depending on the project. Reason for this violation of limit is solely acetic acid, which is a natural ingredient of ash, associated with the typical scent of ash. Please seek expert advice if necessary.


<sup>2</sup> except for smoked oak

<sup>3</sup> This product undercuts the required maximum value of TVOC, yet emits slightly increased quantities of sensitizing substances in the variant Farina with B-Protect surface. Atopic patients, allergy sufferers and sensible persons should seek expert advice if necessary.

<sup>4</sup> except for smoked oak und walnut american

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Signature

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