# Product data sheet
Studiopark | Oak | Mandorla

**Article number: 10043085**

## General Data

| | |
|---|---|
| Format | 1700 x 150 x 9.5 mm |
| Wood type | Oak |
| Colour | Mandorla |
| Grading | 15, lively |
| Surface treatment | B-Protect® |
| Surface structure | brushed |
| Bevel | beveled 2V |
| Filler | dark brown |
| Number of layers | 2 |
| Top layer thickness | 2.5 mm |
| Connection | Tongue + groove |
| Laying pattern | |
| Installation method | glued to subfloor |
| Quantity per package | 2.3 $m^2$/package |
| Gross weight per unit | 20 kg |
| Wood origin | |
| Top layer | Oak, Europe |
| Sublayer | HDF, Germany |

## Technical Data

| | |
|---|---|
| Release of formaldehyde acc. to EN 14342 [1] | E 1 |
| Minimum mean density | ~>= 800kg/m3 |
| Grammage | ~8.304 kg/$m^2$ |
| Top layer brinell hardness [2] | ~38 N/$mm^2$ |
| Shrinkage and swelling mass [3] | 0.25 % |
| Underfloor heating (heat transfer resistance) | 100% convenient (~0.064 $m^2$K/W) |
| Moisture content | 5-9% |
| Fire resistance acc. to EN 14342 and EN 13501-1 | |
| Glued installation | Cfl-s1 |
| Floating installation | |
| Slip resistance grade | |
| acc. to CEN/TS 15676 [4] | USRV 94 |
| acc. to DIN-EN 51130 [5] | R10 |
| Usage class | |
| acc. to DIN EN 14354 | |
| acc. to ÖNORM C 2354 | |
| Thermal conductivity acc. to EN 14342 | 0.146 |
| Breaking resistance | NPD |
| Product standard | EN 13489 |

[1] The lowest emission class E1 according to EN 14342 specifies a value of <124 µg /$m^3$. Bauwerk Parkett products fulfil these requirements with a very low value of less than 10 µg /$m^3$.

[2] At 7 % wood humidity

[3] Top layer in open storage, for a 1 % change in wood humidity

[4] Pendulum test

[5] Inclined surface

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## Certificates

| | |
|---|---|
| ecobau | «base», does not infringe criteria of exclusion of Minergie-ECO |
| eco-INSTITUT label | fulfilled |
| Sentinel Holding Institut | fulfilled |
| French VOC label | A+ |
| FloorScore® certification | fulfilled |
| Blue Angel | fulfilled |
| Wood label | Wood from controlled sources |

| | |
|---|---|
| ecobau | **ecobau**<br>The independent ecobau association in Switzerland tests and assesses construction products in terms of their environmental impact across their entire service life. The essential components of this testing include the grey energy involved in the manufacture and disposal, as well as the components and emissions arising during use. Many of our parquets, as well as adhesive and accessory products have been tested for compliance with Minergie Eco structure and ecoDevis requirements. |
| eco INSTITUT TESTED PRODUCT ID 0921 - 11251 - 002 | **eco-INSTITUT**<br>The Eco-Institut Label is recognised as an international quality seal for low-pollutant, low-emission products by e.g. the building assessment programmes LEED, BREEAM and DGNB. The certified Bauwerk Parkett products were tested by the Eco-Institut for any emissions or substances that may be harmful to health, fulfil the strict requirements and help to reduce the level of harmful substances within your own four walls. |
| QNG READY | **Sentinel Holding Institut**<br>Bauwerk Parkett is a partner of the Sentinel Holding concept. Sentinel Holding Institut (SHI) is one of the leading institutes working in the field of healthy living and construction. It tests and assesses construction products based on certain criteria, in order to ensure that the designs are low in harmful substances and green. Component substances and emissions reports form the basis for the testing of flooring products. Tested, assessed, and approved products are listed in the Sentinel Holding Institut database, and are additionally provided with the QNG-ready certificate. |
| A+ | **French VOC Label**<br>A French regulation adopted in 2011 requires certain construction products to be marked with an emission class. The emission testing assesses 10 individual substances and the TVOC value. |
| floor score | **FloorScore®**<br>FloorScore® is the most recognised certification standard for the quality of ambient air used with hard floor materials, adhesives, and sub-flooring products in the United States. It was developed by SCS in conjunction with the Resilient Floor Covering Institute (RFCI), a leading industry association of floor manufacturers and suppliers, and it qualifies for many green construction programmes, such as LEED v4.1, WELL, BREEAM, CHPS, and Green Globes. |
| BLAUER ENGEL | **Blue Angel**<br>The Blue Angel is Germany's environmental label for products that meet high standards for environmental and health protection. For wood flooring, the focus is, among other things, on low emissions and pollutant levels, wood from sustainable forestry and no adverse impact on health in the living environment. The criteria take the whole life cycle of the product into account and set high requirements for environmental performance and healthy indoor living. |
| FSC www.fsc.org | **FSC®**<br>FSC® (Forest Stewardship Council®) was founded to promote green, socially beneficial, and commercially viable management of the world's forests. It is an international certification system for sustainable forestry management. The timber used in FSC®-certified Bauwerk Parkett products comes from forests managed in a responsible manner. The global FSC® standards for forestry and production chains complement the label of origin and set supervision and management regulations, and unlike local laws, are inspected by independent bodies every year. All products by Bauwerk Parkett marked 'FSC® 100 %' or 'FSC Mix 70 %' are always delivered with an FSC® certificate. All other 2-layer products (except for those of North American wood types) can be ordered with proof of FSC® compliance as a special option. Proof of FSC® compliance will not be provided after delivery. |
| EPD | **EPD**<br>The Environmental Product Declaration (EPD) is a certified document that provides comprehensive information about the environmental impact of a construction product. EPD plays a critical role, as it enables a transparent look into the environmental footprint of the product. It provides information about the consumption of energy, CO2 emissions, and other environmental values applicable across the entire life cycle of the product. |

* General information