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Product data sheet
Villapark

Article number: 10018159

General Data

Format	2100 x 190 x 9.5 mm
Wood type	Oak
Colour	Gold
Grading	35, lively
Surface treatment	natural oiled
Surface structure	deep brushed
Bevel	beveled 2V
Filler	dark brown
Number of layers	2
Top layer thickness	2.5 mm
Connection	Tongue + groove
Laying pattern	Shipdeck, English
Installation method	glued to subfloor
Quantity per package	2.4 m^2/package
Gross weight per packaging unit	20.87 kg
Wood origin	
Top layer	Oak, Europe
Sublayer	HDF, Germany

Technical Data

Release of formaldehyde acc. to EN 14342 [1]	E 1
Top layer density	~650 kg/m^3
Grammage	~8.321 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^2K/W)
Moisture content	5-9 %
Fire resistance acc. to EN 14342 and EN 13501-1	Cfl-s1
Slip resistance grade	
acc. to CEN/TS 15676 [4]	USRV 54
acc. to DIN-EN 51130 [5]	R10
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
Cradle to Cradle® certification	Bronze
French VOC label	A+
FloorScore® certification	fulfilled
Wood label	Wood from controlled sources

ecobau	**ecobau** 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** 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.
SENTINEL HOLDING INSTITUT	**Sentinel Holding Institut** 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.
CERTIFIED cradle to cradle PRODUCTS PROGRAM	**Cradle to Cradle®** EPEA tests products and businesses according to five criteria, awarding Cradle to Cradle® certificates based on the achievement levels Bronze, Silver, Gold, and Platinum. All of Bauwerk Parkett's 2-layer products made at its St Margrethen facility have at least a Cradle to Cradle® Bronze certificate. 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.
ÉMISSIONS DANS L'AIR INTÉRIEUR* A+ A+ A B C	**Émissions (VOC)** 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 CERTIFIED BY SCS Global Services	**FloorScore®** 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.
FSC www.fsc.org FSC® C009732	**FSC®*** 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. Good to know: If an FSC® certificate is required for a project, we can use products that are FSC® 100 % as well as FSC® Mix 70 %.
THIRD-PARTY VERIFIED EPD ISO 14025 and EN 15804 Institut Bauen und Umwelt e.V.	**EPD*** 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. With EPD, buyers can make sustainable decisions, preferring products with lower environmental effects, and contributing to the promotion of eco-friendly practices in construction.

* General information