

# Product data sheet

## Villapark

Article number: 10018163

### General Data

Format	9,5 x 190 x 2100 mm
Wood type	Oak
Grading	24, lively
Surface treatment	matt lacquered
Surface structure	brushed
Bevel	beveled 2V
Filler	black flat
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 <sup>2</sup> /package
Gross weight per packaging unit	19.5 kg
Wood origin	
Top layer	Oak, Europe
Sublayer	HDF, Germany

### Technical Data

Release of formaldehyde acc. to EN 14342	E 1
Top layer density	~650 kg/m <sup>3</sup>
Grammage	~8 kg/m <sup>2</sup>
Top layer brinell hardness <sup>1)</sup>	~38 N/mm <sup>2</sup>
Shrinkage and swelling mass <sup>2)</sup>	0.25 %
Underfloor heating (heat transfer resistance)	100% convenient (~0.064 m <sup>2</sup> K/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 <sup>3)</sup>	USRV 39
acc. to DIN-EN 51130 <sup>4)</sup>	R10
acc. to ÖNORM Z 1261 <sup>5)</sup>	Class 1
Thermal conductivity acc. to EN 14342	0.146
Breaking resistance	NPD
Product standard	EN 13489

<sup>1)</sup> At 7 % wood humidity

<sup>2)</sup> Top layer in open storage, for a 1 % change in wood humidity

<sup>3)</sup> Pendulum test

<sup>4)</sup> Inclined surface

<sup>5)</sup> Sliding friction coefficient







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### Certificates

ecobau	«base», does not infringe criteria of exclusion of Minergie-ECO
Cradle to Cradle® certification	Bronze
French VOC label	A+
FloorScore® certification	fulfilled
Wood label	Wood from controlled sources

	<p><b>ecobau</b></p> <p>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.</p>
	<p><b>Cradle to Cradle®</b></p> <p>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.</p>
	<p><b>Émissions (VOC)</b></p> <p>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.</p>
	<p><b>FloorScore®</b></p> <p>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.</p>
	<p><b>FSC®</b></p> <p>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 %.</p>
	<p><b>EPD*</b></p> <p>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.</p>

\* General information