

# Product data sheet

## Solopark R

Article number: 10162032

### General Data

Format	10 x 70 x 470 mm
Wood type	Oak
Colour	Farina
Grading	14, calm
Surface treatment	natural oiled
Surface structure	unbrushed
Filler	wood colour filled
Number of layers	2
Top layer thickness	3.5 mm
Connection	Tongue + groove
Laying pattern	Shipdeck, English, Ladder pattern
Installation method	glued to subfloor
Quantity per package	2.64 m <sup>2</sup> /package
Gross weight per packaging unit	13.71 kg
Wood origin	
Top layer	Oak, Europe
Sublayer	Spruce, Europe

### Technical Data

Release of formaldehyde acc. to EN 14342	E 1
Top layer density	~650 kg/m <sup>3</sup>
Grammage	~4.947 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 (~0.075 m <sup>2</sup> K/W)
Moisture content	5-9 %
Fire resistance acc. to EN 14342 and EN 13501-1	Dfl-s1
Slip resistance grade	
acc. to CEN/TS 15676 <sup>3)</sup>	USRV 71
acc. to DIN-EN 51130 <sup>4)</sup>	R10
Thermal conductivity acc. to EN 14342	0.133
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







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### Certificates

eco-INSTITUT label	fulfilled
Sentinel Holding Institut	fulfilled
French VOC label	A+
FloorScore® certification	fulfilled
Wood label	FSC™ 100%

	<p><b>eco-INSTITUT</b></p> <p>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.</p>
	<p><b>Sentinel Holding Institut</b></p> <p>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 Haus Institut database, and are additionally provided with the QNG-ready certificate.</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