

# Simple Living

## PRODUCER:

KACZKAN Zakład Produkcji Drzewnej  
Józef Kaczkan Spółka Jawna

## PRODUCT:

2-layer parquet, trade name: ProParkiet

## IMPLEMENTATION BASED ON THE STANDARD

PN-EN 14342+A1:2013



## The innovative proParquet two-layered plank system

ProParquet is a tailor-made solution for modern interior design! The two-layer material combines the durability and elegance of top-class hardwood with the ease and speed of hassle-free installation. It is an excellent quality wooden floor, which you can use immediately after its installation - each piece is protected and finished already at the production stage. The top layer of proParquet is a noble oak frieze of approximately 4 mm, and the bottom layer is a solid coniferous or deciduous underlay. Multiple lacquering or hybrid oiling, as well as UV hardening of the wooden elements, guarantees better durability and resistance of the floor to mechanical damage, while maintaining its natural aesthetic and usable qualities. The phenomenon of proParquet is the possibility of safe and effective use on underfloor heating.

## Dimensions available

70 x 490 mm Thickness of the board in mm:	90 x 900 mm Thickness of the board in mm:	100 x 500 mm Thickness of the board in mm:	120 x 600 mm Thickness of the board in mm:	150 x 600 mm Thickness of the board in mm:
11	11	14	10 14	10 14

## Possible deviations from dimension and geometrical characteristics

Tolerances and deviations according to EN 13489:2004 "Wood flooring. Multi-layer flooring elements."

## Surface finishes



### Varnishing

Akzo Nobel and Sherwin Williams brand lacquers are used for this finishing technique. Each plank is covered with several thin layers of varnish, including a hydro sub-floor, clear or coloured subfloors and a top coat. All layers are UV-hardened, which guarantees greater resistance to mechanical damage. We offer two types of varnish with different levels of gloss: semi-matte varnish and super-matte varnish (gloss difference in the top coat). The manufacturers of the varnishes that we have been using to protect the surface of the boards for 20 years are leaders in the paint and varnish sector. The innovative technology for finishing floors with lacquers is based on three building blocks: solvent-free UV technology, lacquer construction and lacquer quality, as well as the possibility of combining flexible systems. Our UV-cured products cure in a fraction of a second, creating extremely durable surfaces and easy to use and maintain. The middle layer of lacquer lends strength and durability to the substrate, and these properties are prioritised in our flooring solutions. Meanwhile, the top layer gives the finished substrate the desired gloss and finish. All this while providing the substrate with durability, resistance to chemicals and micro-scratches.



### Oiling

For this finishing technique, natural hybrid oils with a blend of Saicos brand waxes are used. Each plank is coated several times with thin layers of oil, consisting, among others, of a coloured priming oil and a clear or coloured topcoat oil. All layers are UV-hardened, which guarantees greater resistance to mechanical damage. SAICOS products guarantee excellent quality and safety, not least because linseed oil and inorganic siccatives have been removed from the oil composition. These floor oils are maximally efficient, enable coverage in thin layers (due to increased solids content), and meet all the most important standards: anti-slip, for finishing and care, and the VOC 2010 standard (for the reduction of volatile organic compounds). Pore-free surface finish based on natural vegetable raw materials (oils and waxes) according to DIN 18356. Moisture-regulating and air-permeable, reduces shrinkage and swelling. It penetrates easily and deeply into the wood, which is why it lasts so long. Protects naturally and is extremely wear-resistant. Silk-matte surface with high abrasion resistance, has water repellent properties and does not collect dust. It is resistant to coffee, wine and fruit juices and the resulting stains can be easily removed. Saicos is the only oil manufacturer in Germany that can boast the "Environmentally Friendly - Blaue Engel" label.

<b>ADHESIVE USED TO JOIN TWO LAYERS OF PROPARQUET</b>	Polyvinyl acetate adhesive in water resistance class D3. It is WATT 91 certified, which confirms that the adhesive bond retains its properties regardless of temperature fluctuations.
<b>MOISTURE</b>	At the time of leaving the manufacturer's warehouse 7+/-2% according to EN 14342+A1:2013 "Wood flooring. Characteristics evaluation of conformity and markings."
<b>REACTION TO FIRE CLASS</b>	DFL-S1 Class according to EN 14342+A1:2013 "Classes of reaction to fire for wood flooring"
<b>WOOD FORMALDEHYDE CONTENT</b>	Class E1 (neutral)
<b>PENTACHLOROPHENOL CONTENT</b>	Less than 5ppm (neutral)
<b>CERTIFICATES</b>	FSC 100%, CE, DIBIT, PN-EN, CSI, PEFC
<b>THERMAL CONDUCTIVITY</b>	0.12 - 0.16 W/mK according to EN 14342+A1:2013 table no. 2 "Thermal conductivity values for selected wood-based panels used in wood flooring and flooring products"
<b>THERMAL RESISTANCE FOR INDIVIDUAL DIMENSIONS</b>	Table available from your distributor or dealer

## Underfloor heating

Two-layer parquet is a floor characterised by low thermal resistance and high dimensional stability. The cross-fibre structure of two-layered parquet minimises shrinkage and swelling of the wood with temperature changes and under the influence of atmospheric moisture, thus ensuring maximum strength and resistance of the parquet against splitting and the formation of any gaps. In the context of underfloor heating, the adhesive used to join the two layers of parquet is also very important. In the production of ProParquet, we only use the highest quality adhesive with WATT 91 certification, dedicated to the creation of products exposed to temperature fluctuations. We can be sure that such an adhesive joint will retain its properties and maintain the stability of the parquet laid on underfloor heating.

## Micro brushing of the boards

Longitudinal structuring by removing the top layer of wood. A bespoke degree of brushing using specialist equipment brings out the grain, revealing more of the natural form and structure of the boards, giving them a noble character.

## Chamfering of boards

The removal of material on two or four edges visually separates the boards from each other and also makes them appear slimmer. Chamfering also offsets the effects of any wood expansion.

## Visual classification of wood

One of the most characteristic features of natural wood is its enormous variation in quality. Wood harvested from trees of the same species can vary in colour, grain and number of knots, and this is perfectly normal, as each tree grows and develops differently from the others. However, in order to bring some order to the chaos created by nature, the wood is grouped into so-called classes (or selections) after harvesting, based on the visual qualities of the individual boards. It is worth emphasising that the class of wood refers exclusively to its aesthetic-visual qualities and has nothing to do with its processing quality, mechanical strength or other similar characteristics. The division into classes was introduced primarily so that manufacturers could more easily describe the appearance of the grain and grain of wood belonging to a particular selection. This, in turn, makes it significantly easier for those wishing to lay a wood floor with specific visual characteristics. According to EN.

## Colours

PLEASE NOTE: Pigmented boards within a batch may be slightly different in tone due to the different degree of pigment absorption by the wood, as wood is an anisotropic material. Production batches may vary, so the structure and colours shown in the sample books may differ slightly from the ordered batch. In accordance with EN.

## The natural characteristics of wood are not defects!

1. Different colouring of wood of the same species
2. Gloss
3. Knots
4. Irregular grain pattern