

INSTALLING OLIVE WOOD (PK 5)

WHAT IS OLIVE WOOD?

Olive wood is obtained from the wood of the olive tree. This undemanding fruit tree, typical for the Mediterranean region, can be recognised by its stocky trunk, small grey-green leaves and white flowers. The wood used for parquet flooring is mainly obtained from old trees that no longer bear fruit. The hardness of the gnarled olive wood is about 5.9 N/mm², the average differential swelling and shrinkage is 0.26%.

OLIVE WOOD FOR PARQUET FLOORS

Due to its striking grain and expressive colour, olive wood is increasingly being used in parquet flooring, albeit on a small scale. In addition, the high hardness and low swelling and shrinkage of olive wood predestine it for this purpose. Due to the strong variations in the grain and colour tones, olive wood parquet is classified in different qualities (usually 5). Usually, solid parquet strips measuring 10 x 50 x 250 mm are manufactured without tongue and groove. Occasionally, 22 mm thick strip parquet is also produced in various dimensions. In addition to solid parquet strips, multi-layer parquet elements with spruce backing are also available.

TIPS FOR BONDING OLIVE WOOD PARQUET

Despite the positive technical characteristics, solid olive wood parquet also has various less favourable characteristics which the parquet installer should take into account.

The dimensions of the 10 mm strip generally favour changes in shape when moisture is absorbed (see also our technical data sheet, "Installing 10 mm parquet").

Although olive wood is characterised by low swelling and shrinkage, like many exotic woods, it has a so-called 'irregular twist' or spiral grain, which, depending on the grading and moisture absorption, can result in twisting and lifting of individual, solid strips in the fresh adhesive bed.

SUITABLE ADHESIVES FOR BONDING OLIVE WOOD PARQUET

Depending on the parquet dimension and construction, various types of parquet adhesives from the STAUF range are used for olive wood parquet bonding according to the table below:

- ✓ Dispersion adhesives for parquet (STAUF M2A types)

- ✓ Reactive resin parquet adhesives (STAUF PU parquet adhesive types)
(STAUF SMP types)
(STAUF SPU types)

The appropriate substrate preparation can be found in our technical data sheet.

TECHNICAL DATA SHEET

ADHESIVE SELECTION

	Absorbent substrates	Low-absorbency substrates	Non-absorbent substrates
	such as: <ul style="list-style-type: none"> ✓ Cement screed ✓ Calcium sulphate (self-levelling) screed ✓ Cement-based levelling compounds 	such as: <ul style="list-style-type: none"> ✓ Chipboard ✓ OSB panels ✓ Calcium sulphate (self-levelling) screed 	such as: <ul style="list-style-type: none"> ✓ Mastic asphalt
Solid parquet 10 x 50 x 250 mm	✓ STAUF PUK 446/455	✓ STAUF PUK 446/455	✓ STAUF PUK 446/455
Solid parquet 22 mm strip parquet all dimensions	✓ STAUF PUK 446/455	✓ STAUF PUK 446/455	✓ STAUF PUK 446/455
Multi-layer single strip coniferous wood carrier layer olive wood top layer max. 70 mm x 600 mm	<ul style="list-style-type: none"> ✓ STAUF M2A 720 ✓ STAUF PUK 455/446 ✓ STAUF SMP 930*/950 ✓ STAUF SPU 460/555/570 	<ul style="list-style-type: none"> ✓ STAUF M2A 720 ✓ STAUF PUK 455/446 ✓ STAUF SMP 930*/950 ✓ STAUF SPU 460/555/570 	<ul style="list-style-type: none"> ✓ STAUF PUK 455/446 ✓ STAUF SMP 930*/950 ✓ STAUF SPU 460/555/570
Multi-layer single strip coniferous wood carrier layer olive wood top layer greater than 70 x 600 mm	<ul style="list-style-type: none"> ✓ STAUF PUK 455/446 ✓ STAUF SMP 930*/950 ✓ STAUF SPU 460/555/570 	<ul style="list-style-type: none"> ✓ STAUF PUK 455/446 ✓ STAUF SMP 930*/950 ✓ STAUF SPU 460/555/570 	<ul style="list-style-type: none"> ✓ STAUF PUK 455/446 ✓ STAUF SMP 930*/950 ✓ STAUF SPU 460/555/570

* When using STAUF SMP 930 on sanded mastic asphalt, prime with STAUF VEP 195.

The information provided above corresponds to the current state of the art. The information is purely indicative and non-binding, since we have no control over the installation process and because the actual installation conditions on site vary. Thus no claims can be made based on this information. The same is true for the commercial and technical advisory services that are provided without obligation and free of charge. We therefore recommend carrying out sufficient testing of your own in order to determine whether the result is suitable for the intended purpose.