

PARQUET PRODUCTION AND INSTALLATION



2-LAYER PARQUET

3-LAYER PARQUET

ADHESIVES FOR
PARQUET INSTALLATIONFULL SURFACE BONDING
OF PARQUET FLOORS

PRODUCTION OF 2- AND 3-LAYER PARQUET

The production of two-layer parquet is usually carried out in automated production processes. The base layer of the parquet element fulfills purely structural purposes, the visible layer glued on top is made of particularly high-quality wood. In addition to other types of adhesives, PUR hotmelt adhesives are used in particular for excellent and long-lasting bonding results. Due to the fact that the PUR hotmelt is applied in beads, the adhesive is able to compensate tolerances. The **KLEIBERIT 702** and **705 product series** are ideal for this.



In 3-layer parquet production, three layers are glued together to form a composite. However, since essentially flat materials are bonded together, adhesives should preferably be applied as a film. PVAc dispersions or EPI systems are frequently used. However, modern system concepts rely on PUR hotmelts and their advantages.



Product	Base	Advantages	Applications
705.7.00	PUR HM	enables shortest pressing times very high temperature- and moisture resistance	production of 2-layer parquet processing or bonding possible inline, i.e. press times in seconds
702.8.09	PUR HM	flexible glue joint after curing high aging resistance	
303.0	PVAc	dispersion for waterproof glue joints	production of multi-layer parquet, D4 quality with hardener possible
304.4	EPI	suitable for cold, hot and HF bonding	production of multi-layer parquet, D4 quality with hardener possible
304.5	EPI	very long pot life of approx. 120 min, suitable for cold, warm and HF bonding	production of multi-layer parquet, D4 quality with hardener possible

ADHESIVES FOR INSTALLING PARQUET (FLOATING INSTALLATION)

In floating installation, the parquet floor is not glued to the subfloor, but laid loosely on the subfloor. The necessary stability is provided by the tongue and groove joints in the parquet elements, which in turn may be glued together. For a long-lasting and visually sophisticated installation of floating tongue and groove parquet, we offer a special adhesive. **KLEIBERIT 351.0** fulfills D3 quality according to DIN EN 204, is colorless and results in a hard-elastic glue line. The product has been popular with craftsmen and installers for decades.

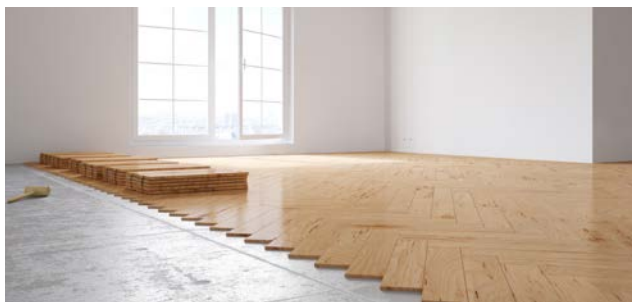
FULL-SURFACE BONDING OF PARQUET FLOORING

When laying parquet flooring over the entire surface, it is important to work cleanly and use the right adhesive. Several factors determine the choice of the right parquet adhesive. In general, a distinction is made between absorbent and non-absorbent subfloors. A true all-rounder is a parquet adhesives based on STP - **KLEIBERIT 583.6**. This adheres to almost all materials without pre-treatment and provide excellent results. It is easy to process and has impact sound absorbing properties. Furthermore, it is considered very low-emission according to GEV Emission and has the EC 1 Plus seal of approval..






FULL-SURFACE BONDING ON MINERAL SURFACES

Screed is considered an absorbent subfloor. For top results, the synthetic resin dispersion **KLEIBERIT 350.0** can be diluted. **KLEIBERIT 350.0** can be used pure for bonding small and mosaic parquet. In some cases, sealing the screed provides even better results. For this purpose, the 1C PUR coating product **KLEIBERIT 555.3** should be used. It is even easier with our STP adhesive **KLEIBERIT 583.6**. Pre-coating is usually not necessary with these products.



FULL-SURFACE BONDING ON WOOD

In some cases, the parquet is also bonded to wood-based panels, such as OSB or chipboard, over the entire surface. For this purpose, we offer PUR systems as well as low-emission STP systems. The choice of adhesive depends on the individual circumstances, requirements and personal preferences.

Product	Base	Advantages	Applications
473.0 	acrylat dispersion	EC1 plus, colored red for application control	floor primer for dust binding
555.3	PUR	easy to apply water barrier, protect against rising dampness	sealing and strengthening of concrete, cement screed, etc.
583.5 	STP	EC1 plus, very low emission and simple application	for installing parquet on absorbent and non-absorbent foundation
583.6 	STP	EC1 plus, very low emission and simple application	for installing parquet on absorbent and non-absorbent foundation
351.0	PVAc	colorless glue line, can be used as 1C directly from the bottle	tongue and groove bonding of parquet elements for floating installation

More information

