

KLEIBERIT 583.6

STP parquet adhesive, hard elastic

Fields of application

- For interior use, laying lacquered prefinished and strip parquet, solid wood as well 2 and 3 layer multi-layer parquet (also lacquered parquet) engineered flooring and/or hardwood flooring to all conventional absorbent and non-absorbent undergrounds

Advantages

- Elastic curing
- Easy to use
- Fast setting characteristics
- Water resistant bond
- Suitable for laying over under-floor central heating
- Direct installation on conventional undergrounds
- Complies with DIN EN 14293
- Complies with DIN ISO 17178
- very low emissions (EC1) according to GEV-Emicode classification (GEV-License No.: 20666/01.01.11 dated 04.04.2025)



Properties of the glue

Base:	STP silane terminated polymer
Density at 20°C:	1.80 ± 0.05 g/cm ³
Color:	beige
Consistency:	brushable, stable
Skinning time:	approx. 45 - 60 min. (20 °C, 50% RH)
Hardening time:	> 3 mm/24 hours
End strength:	after approx. 48 hours
Processing temp.:	+15 to + 25 °C
Hardness Shore A:	approx. 60

Identification: see our safety data sheet

Underground

The underground must comply with the applicable norms, regulations and guidelines.

The underground must be dry, frost-free, firm, loadbearing, stable, and free from dust, contamination and substances which hinder bonding.

The following norms and brochures are especially recommended: DIN 18356 "Laying of Parquet Flooring", DIN EN 14342 "Parquet and Wood Flooring", TKB Technical Briefing Note 8 "Evaluating and Preparing Undergrounds for Floor Coverings and Parquetry Work", TKB Technical Briefing Note 1 "Installation of Parquet".

KLEIBERIT 583.6 is suitable on cement screed, wooden chipboard, calcium sulfate screed as well as metal, concrete, stone, ceramic, etc. In case of doubt or with non-standard undergrounds, a test bonding is recommended.

For calcium sulfate screeds, the easily brushable one-component PUR coating KLEIBERIT 555.3 can be used to improve the substrate.

If the screed is free from dust, the parquet can be directly bonded with KLEIBERIT 583.6 hard elastic.

Application techniques

Apply KLEIBERIT 583.6 completely to the underground using a suitable toothed spatula, avoid globs of adhesive. Install the parquet in the fresh adhesive using a slight sliding movement and firmly tap into place – ensure good and complete wetting on the backside of the parquet. Skinning time is approx. 45 - 60 minutes.

Application of the glue:

The best temperature for application is between 15-25°C. Can be walked on after 24 hours, colder temperatures lead to an increase in viscosity and delayed curing. Therefore containers must be acclimatized before processing if necessary.

Do not apply more adhesive than can be processed in 30 minutes.

Immediately lay the parquet on to the fresh glue bed.

The parquet flooring can be further processed after 48 hours.

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Note

Fumed wood, i.e. fumed oak, must be free from ammoniac. Timbers with a high content of oil or grease i.e. exotic timbers need to be tested for suitability

The parquet should be acclimated and have a moisture content of 7-11%. Note the following parameters prior to laying:

- **Relative humidity max. 65%**
- **Underground temperature 15°C to 20°C**
- **Adhesive temperature min. 15°C**

Recommended application quantity:

Spatula B3: 800 – 900 g/m²
 Spatula B11: 900 – 1200 g/m²

Cleaning

Traces of uncured KLEIBERIT 583.6 on tools and laid parquet can be cleaned with Cleaner KLEIBERIT 828.1.
 Cured KLEIBERIT 583.6 can only be removed mechanically.

Packaging

KLEIBERIT 583.6:

bag, 6 kg net
 carton with 3 bags at 18 kg net each

Cleaner

KLEIBERIT 828.1:

carton with 3 metal bottles at 750 ml net each

Additional packaging sizes available upon request.

Storage

KLEIBERIT 583.6 can be stored in factory sealed containers at 20 °C for approx. 12 months. The ideal storage temperature is 15 – 25 °C. Higher temperatures shorten the shelf life. KLEIBERIT 583.6 is not frost sensitive at temperatures above -20°C

Version 11.04.25 Iz; replaces previous versions

Waste Disposal

Disposal of contents and/or containers should comply with all applicable federal, state and local regulations.
 Our containers are made of recyclable material.

Service

Our application department may be consulted at any time without obligation. The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself the suitability of our products for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical consultancy service which is rendered free of charge and without obligation.