

weber.floor 4832

STP parquet adhesive

Elastic one-component STP adhesive for parquet

Field of application

For gluing norm-compliant on-edge upright lamella parquet ≥ 16 mm, solid wood (lam parquet with a ratio thickness - width $< 1 : 5$), strip parquet, solid-wood planks ≥ 15 mm (with a ratio thickness.-width of max. $1 : 7$) and multi-layer parquet.

For use indoors.

Description

weber.floor 4832 is a factory-mixed, 1-component, ready-to-use and solvent-free STP (= silane-terminated prepolymers) parquet adhesive.

Main features

- **EMICODE EC 1 PLUS**: very low emission of volatile substances
- with official approval Z-155.20-546 (Germany)
- GISCODE RS 10: solvent-free adhesive containing methoxysilane
- water- and solvent-free - curing without shrinkage
- elastic according to ISO 17178
- very high suction adhesion - therefore immediate foot traffic on the parquet is possible
- very high filling power
- very long working time
- suitable on heated floor constructions

Technical values

Open time:	approx. 60 minutes
Open to foot traffic:	immediately
Open to full service (final strength):	approx. 24 - 48 hours
Grinding:	approx. 24 - 48 hours
Temperature resistance (storage):	+5°C - +30°C
Application temperature (room air):	min. +18°C
Application temperature (substrate):	min. +15°C
Consistency:	pasty

General notes

weber.floor 4832 is subject to a regular internal quality control.

General notes

- Comply with the national standards and/or guidelines relating to laying works of parquets. If not issued, and if necessary, request technical advice.
 - **Relative humidity rate during application and drying: 40 - 65 %; max. 75%**
 - Adapt adhesive and parquet to room climate before application; the flooring must be free from tension.
 - The wood humidity and the room climate must be suitable for the application and match with each other. Observe the dew point table.
 - The flash-off, open and setting times depend on the temperature (room air and substrate), relative humidity rate, substrate porosity, type of parquet and adhesive amount.
 - Observe the technical data sheets of the parquet and all other used products.
 - The adhesive is sensitive to frost.
 - Close opened packagings tightly and use their content quickly.
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Special notes

- Avoid high temperatures caused by solar radiation.
 - Remove adhesive contamination in a fresh state with a suitable cleaning cloth, taking care that the adhesive does not get into the joints. Rub off adhesive contamination in the cured state.
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- Avoid parquet adhesive in the joints (edge gluing), as interactions with surface treatment products cannot be excluded.
- For parquet without tongue and groove, use only PU-based surface treatment products.
- If a dispersion primer is used, the thickness of the smoothing mortar must be at least 3 mm to exclude interactions.
- In case of doubt, especially with exotic woods, it is recommended to carry out bonding tests on a trial area before application.
- The use of the 1-comp. quick-curing PU primer weber.floor 4718 R increases the safety against rising damp in screeds with slightly increased residual moisture.

Substrates

All norm-compliant and absorbent surfaces as well as de-coupling and insulating membranes are allowed as substrates.

Substrate preparation

- The substrate must be load-bearing, dry, crack-free, free of adhesion-impairing layers and suitable for bonding.
- Before applying the adhesive, it is recommended to level out the substrate in order to obtain a smooth and uniformly porous substrate.
- If a thin levelling (approx. 1 - 10 mm) is required, use a **weber.floor** smoothing mortar, e.g. weber.floor 4031 or 4032.
- If a thicker levelling (approx. 1 - 30 mm) is required, use a **weber.floor** levelling compound, e.g. weber.floor 4160, 4190, 4310 or 4320.
- When gluing critical parquet types (e.g. on-edge upright lamella parquet, solid-wood planks) or critical wood species (e.g. bamboo) on heated floor constructions, a stabilizing primer must be applied, e.g. the 1-comp. quick-curing PU primer weber.floor 4718 R or the EP resin primer weber.floor 4712 (EC 1 -very low emission). Scatter silica sand over the epoxy primer up to saturation.
- The substrate must be checked in accordance with the standards. In case of defects, concerns must be reported in writing.
- The substrate preparation must be adapted to the specific job site conditions.

Working instructions

- Stir the adhesive well before use. If a surface skin is present, remove it from the bucket, do not stir in.
- Apply the adhesive in a uniform layer thickness with an appropriate notched spatula.

- We recommend to use following notch sizes (in mm) for the specific flooring.
- Notched spatula B 3: notch width 3.30 - notch spacing 3,70 - notch height 3.25
- Notched spatula B 6: notch width 4.90 - notch spacing 4.10 - notch height 3.60
- Notched spatula B 11: notch width 7.90 - notch spacing 6.10 - notch height 5.00
- Notched spatula B 15: notch width 6.90 - notch spacing 5.60 - notch height 6.30
- Avoid spots without adhesive or with accumulation of adhesive.
- Ensure that the adhesive is wetted over the whole backside of the flooring in the form of ridges.
- Replace worn notched strips in good time.
- Do not apply more adhesive than can be laid with good wetting of the backside of the flooring within the open time.
- A joint of approx. 10 mm should be created between the wall and the parquet.
- Use the notched spatula B 3/B 6/B 11 or B 15 depending on the type of parquet and condition of the substrate. Open time approx. 60 minutes.
- Lay the parquet into the adhesive bed within the open time and press down evenly to achieve complete bonding. Especially with long parquet elements, the glued parquet elements must be weighted down during the entire setting time. Avoid glue between the joints and do not press up towards the top.
- Subsequent works on parquet or wood flooring can be carried out after the adhesive has set sufficiently.
- Clean tools with water so long as the adhesive has not fully set. Hardened material must be removed mechanically.

Practical information

Colour:

light brown

Tools:

Notched spatula B 3/B 6/B 11/B 15, depending on parquet type and substrate

Storage:

The product can be stored at least 12 months in its original unopened packaging, if kept dry, protected from humidity, and at temperatures between +5°C and +30°C.

Technical Data Sheet



Consumption / yield

approx. 800 - 1.200 g/m², depending on parquet, substrate and notch size

Packagings

Type	Sales unit	Number / euro-pallet
Plastic bucket	16 kg	33 buckets

The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.