

## **weber.floor 4836** **STP shear-resistant parquet adhesive**

### **Hard and shear-resistant 1-comp. STP adhesive for parquet**

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#### **Fields of application**

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

For use indoors.

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#### **Description**

weber.floor 4836 is a factory-mixed, 1-component STP (= silane-terminated polymers), ready-to-use and solvent-free parquet adhesive.

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#### **Main features**

- **EMICODE EC 1<sup>Plus</sup>**: very low emission of volatile substances
- with official approval Z-155.10-557 (Germany)
- GISCODE RU 10: solvent-free adhesive containing methoxysilane
- water- and solvent-free – curing without shrinkage
- hard and shear-resistant according to ISO 17178
- especially suitable for deformable parquet formats and wood species
- very high filling power
- can be used on nearly all surfaces without primer
- suitable for underfloor heating

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## Technical values

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Open time:	approx. 20 minutes
Open to foot traffic:	approx. 24 hours
Open to full service (final strength):	approx. 24 - 48 hours
Grinding:	approx. 24 - 48 hours
Temperature resistance (storage):	+5°C - +30°C
Application temperature (air):	+18°C - +30°C
Application temperature (substrate):	+15°C - +30°C
Consistency:	pasty

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## Quality control

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weber.floor 4836 is subject to a regular internal quality control.

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## General notes

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- Comply with the national standards and/or guidelines relating to laying works of parquets and wood flooring. If not issued, and if necessary, request technical advice.
- Relative humidity rate during application and drying: 35 - 75 %; best range < 65%
- Adapt adhesive and parquet to room climate before application; the flooring must be free from tension.
- The wood humidity content and the room climate must be suitable for the application and match to each other. Observe the dew point table.
- Observe the technical data sheets of the flooring and all other used products.
- The flash-off, open and setting times depend on the temperature (room air and substrate), relative humidity rate, substrate porosity, type of flooring and adhesive amount.
- The adhesive is sensitive to frost.
- Close opened packagings tightly and use their content quickly.

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## Special notes

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- Underfloor heating should be switched off at least 48 hours before and after laying the parquet.
- Remove adhesive contamination in a fresh state with a suitable cleaning cloth, taking care that the adhesive will not penetrate into the joints. Rub off adhesive contamination in the cured state.
- 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 products for surface treatment.
- 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 adhesion tests on a trial surface before application.
- The use of the 1-comp. quick-curing PU primer weber.floor 4718 R increases the safety against rising damp in case of screeds with slightly increased content of residual moisture.

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## Substrates

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

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## Substrate preparation

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- The substrate must be load-bearing, dry, crack-free, free from 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 compounds, e.g. weber.floor 4160, 4190, 4310 or 4320.
- The substrate must be checked in accordance with the prevailing standards. In case of defects, concerns must be reported in writing.
- When gluing critical parquet types (e.g. on-edge upright lamella parquet, solid-wood planks) or critical wood species (e.g. bamboo) on underfloor heating, a stabilizing primer must be applied, e.g. the 1-comp. quick-setting PU primer weber.floor 4718 R or the EP resin primer weber.floor 4712 (EC 1 -very low emission). Scatter silica sand over the fresh epoxy primer up to saturation.

# Technical Data Sheet



- 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.

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## Working instructions

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- The adhesive is ready for use. If surface skin is present, do not stir in and remove it from the bucket.
- Apply the adhesive in a uniform layer thickness with an appropriate notched spatula/trowel.
- We recommend to use similar 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. 20 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 a suitable thinner so long as the adhesive has not fully set. Hardened material must be removed mechanically.

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## Practical information

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Colour:  
light brown

Tools:  
Notched spatula B 3/B 6/B 11/B 15, depending on flooring type

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



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## Consumption / yield

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approx. 800 - 1.200 g/m<sup>2</sup>, depending on parquet, substrate and notch size

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## Packagings

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

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*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.*