

## weber.floor 4818

### Design flooring adhesive

#### Fiber-reinforced dispersion adhesive for PVC design floorings (LVT)

##### Fields of application

For gluing homogeneous/heterogeneous PVC floorings in sheets, PVC design floorings (LVT), CV floorings and elastomer floorings in sheets and tiles up to 4 mm thickness.

Particularly suitable for the bonding of floorings in sheets and panels.

For use indoors.

##### Description

weber.floor 4818 is a factory-mixed, ready-to-use and solvent-free dispersion adhesive.

##### Main features

- **EMICODE EC 1 PLUS**: very low emission of volatile substances
- with official approval Z-155.20-553 (Germany)
- GISCODE D1: solvent-free
- very short flash-off time
- very fast initial adhesion
- applicable on freshly laid surfaces, hence allowing a fast laying progress
- fiber-reinforced
- suitable on heated floor constructions
- suitable under chair castors according to EN 12529

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## Technical values

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Flash-off time:	approx. 0 - 20 minutes
Open time:	approx. 20 minutes (PVC design floorings - LVT); approx. 8 minutes (elastomer floorings)
Open to foot traffic:	immediately
Open to full service (final strength):	approx. 24 hours
Welding/filling of joints:	approx. 24 hours
Temperature resistance (storage):	+5°C - +30°C
Application temperature (room air):	min. +18 °C
Application temperature (substrate):	min. +15 °C
Consistency:	medium viscosity

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## Quality control

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weber.floor 4818 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 floorings. If not issued, and if necessary, request technical advice.
  - **Relative humidity rate during application and drying: 40 - 65 %; max. 75%**
  - Adapt adhesive and flooring to room climate before application; the flooring must be free from tension.
  - 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.
  - Observe the technical data sheets of the flooring 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

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- Neither install, nor move heavy furniture or objects on the new flooring, as long as the adhesive has not fully set.
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- Avoid high temperatures caused by solar radiation.
- The adhesive has a very short flash-off time and a very fast initial adhesion; therefore, gluing works of sheet materials should be done quickly.
- The substrate temperature during application and drying of elastomeric floor floorings must be at least +18°C.

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## Substrates

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All norm-compliant and absorbent surfaces are allowed as substrates.

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## Substrate preparation

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- 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.
- 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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- Stir the adhesive well before use.
- 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 A 2: notch width 1.30 - notch spacing 1.70 - notch height 1.40
- Notched spatula A 3: notch width 0.40 - notch spacing 1.60 - notch height 1.50
- 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.
- **PVC design floorings (LVT)/vinyl floorings:** use the notched spatula A 2 or A 3. Flash-off time 0 minute (lay immediately) up to 20 minutes.
- **Elastomer floorings:** use the notched spatula A 2 or A 3. Flash-off time 0 minute (lay immediately) up to 8 minutes.
- After sufficient flash-off time or within the open time, lay the flooring into the adhesive bed and press down evenly to achieve complete bonding.
- After laying, the flooring must be rolled on in crosswise motions; if necessary, repeat this operation.
- The welding/filling of the flooring joints can only be carried out after sufficient adhesion has been achieved.
- Clean tools with water 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 beige

Tools:  
Notched spatula A 2/A 3, depending on flooring type

Storage:  
The product can be stored at least 15 months in its original unopened packaging, if kept dry, protected from humidity, and at temperatures between +5°C and +30°C.

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## Consumption / yield

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approx. 250 g/m<sup>2</sup>, depending on flooring, substrate and notch size

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## Packagings

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Type	Sales unit	Number / euro-pallet
Plastic bucket	12 kg	44 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.*