

weber.floor 4891

Wet-set and pressure-sensitive adhesive

Wet-set and pressure-sensitive adhesive for PVC and textile floorings

Fields of application

weber.floor 4891 is used for gluing textile floorings (tufting fabric with synthetic double backside or fleece backside), homogeneous/heterogeneous PVC floorings in sheets and CV floorings.

The adhesive can be applied according to 3 different methods: wet-set method, pressure-sensitive method or contact method.

Also suitable for gluing wall coverings.

For use indoors.

Description

weber.floor 4891 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-155.20-552 (Germany)
- GISCODE D 1: solvent-free
- thermally reactivable
- high bonding strength
- long open time
- allows application in 3 different methods: wet-set method, pressure-sensitive method or contact
- also suitable on dense substrates
- suitable for shampooing according to RAL 991 A2
- suitable on heated floor constructions
- suitable under chair castors according to EN 12529

Technical values

Flash-off time:	approx. 10 - 60 minutes
Open time:	approx. 45 - 60 minutes
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

Quality control

weber.floor 4891 is subject to a regular internal quality control.

General notes

- Comply with the national standards and/or guidelines relating 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.
 - 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.
-

Special instructions

- Neither install, nor move heavy furniture or objects on the new flooring, as long as the adhesive has not fully set.
 - Avoid high temperatures caused by solar radiation.
-

Substrates

All norm-compliant absorbent or dense surfaces as well as appropriate insulation membranes are allowed as substrates.

Substrate preparation

- 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 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.

Working instructions

- Stir the adhesive well before use.
- Apply the adhesive in a uniform layer thickness with an appropriate notched spatula.
- We recommend to use similar notch sizes (in mm) for the specific flooring.
- Notched spatula A 1: notch width 0.50 - notch spacing 1.50 - notch height 1.10
- Notched spatula A 2: notch width 1.30 - notch spacing 1.70 - notch height 1.40
- Notched spatula B 1: notch width 2.60 - notch spacing 2.40 - notch height 2.00
- Notched spatula B 2: notch width 2.00 - notch spacing 3.00 - notch height 2.55
- 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 and CV floorings: use the notched spatula A 1 or A 2.

- Textile floorings: use the notched spatula B 1 or B 2.
- Wet-set/one-side gluing method: flash-off time approx. 10 - 15 minutes. The flooring is laid onto the wet adhesive bed. This method is convenient for absorbent substrates.
- Pressure-sensitive gluing method: flash-off time approx. 30 - 60 minutes. The adhesive must have flashed-off totally. This method is convenient for non-absorbent substrates and dense floor floorings.
- Contact gluing method: flash-off time approx. 30 - 60 minutes. The adhesive must have flashed-off totally. The adhesive is applied on the substrate and also on the flooring backside. This method is also used for bonding coverings on walls and ceilings. After laying and rubbing in, there is no possibility of corrections of the position of floorings. After a few days the adhesive is thermally reactivable; the flooring or the covering, the adhesive and the substrate must be heated up to 70 - 80°C. Afterwards a new contact bonding operation can be carried out.
- After sufficient flash-off time or within the open time, lay the flooring into the adhesive bed and press evenly to achieve a complete bond.
- 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.

Practical information

Colour:
light beige

Tools:
Notched spatula A 1/A 2/B 1/B 2, 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.

Technical Data Sheet



Consumption / yield

approx. 250 - 300 g/m², depending on flooring, substrate and notch size

Packagings

Type	Sales unit	Number / euro-pallet
Plastic bucket	13 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.