

## weber.floor 4820

### Linoleum and textile flooring adhesive

#### High-yield dispersion adhesive for linoleum and textile floorings

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##### Fields of application

For gluing textile floorings (tufting fabric with synthetic double backside or fleece backside, woven fabrics, needle fleece, ball yarn, natural fiber coco/sisal with cotton and jute backside and coated), linoleum floorings in sheets and tiles and korkment/elastic underlays made of PUR granulates. Particularly suitable for bonding linoleum sports floorings. Also suitable for gluing other floorings with textile backside, e.g PVC floorings with fleece backside. For use indoors.

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##### Description

weber.floor 4820 is a factory-mixed, ready-to-use and solvent-free dispersion adhesive.

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##### Main features

- **EMICODE EC 1 PLUS**: very low emission of volatile substances
- with official approval Z-155.20-555 (Germany)
- GISCODE D1: solvent-free
- high yield – up to approx. 1/3 lower consumption in comparison with conventional adhesives
- ideal for gluing all linoleum and textile floorings
- very high final strength
- excellent workability properties
- suitable for shampooing according to RAL 991 A2
- 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
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 4820 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.
  - Avoid high temperatures caused by solar radiation.
  - The relative humidity rate during application and drying of linoleum floorings must be 40 - 65%.
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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 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
  - 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.
  - **Linoleum floorings:** use the notched spatula B 1. They are installed according to the wet-set bonding method within the open time. The hanging bays must be bonded as according to the contact bonding method by applying the adhesive also onto the backside of the floor covering at the hanging bays. Do not trap air under the flooring or remove it immediately. Head ends and uneven edges of the flooring must be relaxed by rolling against them.
  - **Textile floorings (e.g. needle fleece, ball yarn):** use the notched spatula B 1 or B 2. Flash-off time 0 - 20 minutes.
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- 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:  
white

Tools:  
Notched spatula 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.

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## Consumption / yield

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approx. 230 - 290 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	11 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.*