

weber.floor 4870

Fixation

Dispersion fixation for self-laying carpet tiles

Fields of application

For the non-skid fixation of self-laying, removable, dimensionally stable carpet tiles with bitumen-PVC/-CV or PUR heavy coating and approved PVC design floorings.
For use indoors.

Description

weber.floor 4870 is a factory-mixed, ready-to-use and solvent-free adhesive dispersion.

Main features

- **EMICODE EC 1:** low emission of volatile substances
- with official approval Z-155.20-544 (Germany)
- GISCODE D1: solvent-free
- very sticky
- high-yielding
- easy application with the roller
- suitable under chair castors according to DIN EN 12 529
- suitable on heated floor constructions

Technical values

Flash-off time:	approx. 60 minutes
Open time:	approx. several days
Open to foot traffic:	immediately
Open to full service (final strength):	approx. 1 hour
Temperature resistance (storage):	+5°C - +30°C
Application temperature (room air):	min. +18°C

Application temperature (substrate):	min. +15°C
Consistency:	low

Quality control

weber.floor 4870 is subject to a regular internal quality control.

General notes

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

- 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.
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Substrates

All absorbent and non-absorbent surfaces are allowed substrates. Particularly suitable for hollow space floors and raised floors.

Substrate preparation

- The substrate must be load-bearing, dry, crack-free, free from adhesion-impairing layers and suitable for bonding
 - If a thin levelling (approx. 1 - 10 mm) is required, use a **weber.floor** smoothing mortar, e.g weber.floor 4031 or 4032, unless inspection openings are used.
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- 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

- Apply the adhesive with a micro-fiber roller (11 mm pile height) over the whole substrate in a uniform layer thickness.
- In case of highly absorbent surfaces, it may be necessary to apply the adhesive twice.
- In case of raised floors, do not pour the adhesive onto the floor to prevent it from penetrating any penetration into the joints.
- The flash-off time for absorbent surfaces is approx. 1 hour; it may be longer for non-absorbent substrates.
- Lay the flooring after the fixation has completely dried. If the flooring is laid onto the still fresh adhesive too early, it will stick to the flooring and the removal will be more difficult.
- If laid correctly, the flooring can be picked up and put back in place. When picking up and re-installing the flooring, avoid soiling of the fixation.
- 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:
Micro-fiber roller with 11 mm pile height

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. 100 - 150 g/m², depending on flooring type and substrate

Packagings

Type	Sales unit	Number / euro-pallet
Plastic bucket	10 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.