

weber.floor 4880

Contact adhesive

Solvent-free contact adhesive for a variety of floorings

Fields of application

For the contact bonding of a wide range of different materials, such as profiles, skirting boards, bases, textile floorings (tufting fabric with synthetic second backside or fleece backside, woven fabrics, needle fleece, ball yarn), homogeneous/heterogeneous PVC floorings in sheets, PVC design floorings (LVT), CV floorings, linoleum floorings in sheets and tiles and elastomer floorings with polished backside in sheets.

Also suitable for repair bonding works, e.g. on inspection covers or in the transition areas, on walls and ceilings.

For use indoors.

Description

weber.floor 4880 is a factory-mixed, ready-to-use and solvent-free dispersion adhesive.

Product features

- **EMICODE EC 1 PLUS**: very low emission of volatile substances
- with official approval Z-155.20-547 (Germany)
- GISCODE D1: solvent-free
- very good rollability
- for a variety of different contact bonding applications
- very high contact bonding strength
- suitable for shampooing according to RAL 991 A2
- suitable on heated floor constructions
- suitable under chair castors according to EN 12 529

Technical values

Flash-off time:	approx. 30 - 120 minutes
Open time:	approx. 4 hours (contact bonding time)
Curing time:	approx. 24 hours
Open to foot traffic:	immediately
Open to full service:	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 4880 is subject to a regular internal quality control.

General notes

- Comply with the 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.
 - The relative humidity rate during application and drying of linoleum floorings should be 40 - 65%.
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- The substrate temperature during application and drying of rubber floorings should be at least 18°C.

Substrates

All flat and smooth surfaces 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

- The adhesive is ready-to-use.
- Apply the adhesive in a uniform layer thickness on the substrate and also on the backside of the flooring with an appropriate texture roller.
- Avoid spots without adhesive or with accumulation of adhesive.
- Do not apply more adhesive than can be laid with good wetting of the backside of the flooring within the open time.
- After application, let the adhesive pre-dry; the bonding works must be carried out within the contact bonding time (approx. 4 hours), depending on room temperature, floor or wall condition, relative humidity rate and application thickness.
- After sufficient flash-off time or within the contact bonding time, lay the flooring resp the adhesive and press down uniformly to achieve complete bonding.
- After laying, the flooring must be rolled on in crosswise motions; if necessary, repeat this operation.
- Afterwards it is no longer possible to change the position of the bonded materials.

- The flash-off time can be reduced by air circulation (e.g. fan, open door), especially under unfavourable climatic conditions.
- Clean tools with water so long as the adhesive has not fully set. Hardened material must be removed mechanically.

Practical information

Colour:
creme

Tools:
Texture roller

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.

Consumption / yield

approx. 200 - 300 g/m² per bonded surface, depending on type of flooring, substrate and, if applied with texture roller.

Packagings

Type	Sales unit	Number /euro-pallet
Plastic bucket	7.5 kg	64 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.