Technical Data Sheet

weber.floor 4706

Conductive dispersion primer

Conductive dispersion primer for conductive floorings

Fields of application

For achieving transversal conductivity when laying electro-conductive floor coverings. In general, the installation of a network with copper strips is not necessary. An electro-conductive installation is possible with the 2 other system products: the multi-use conductive adhesive weber.floor 4885 and the copper conductive strip weber.floor 4918. For use indoors.

Description

weber.floor 4706 is a factory-mixed, ready-to-use and solvent-free dispersion adhesive.

Main features

- EMICODE EC 1: low emission of volatile substances
- GISCODE D 1: solvent-free
- electrical leakage resistance of < 3 x 10^5 Ohm according to EN 13415
- ready-to-use
- solvent-free
- dust-binding
- suitable on heating floor constructions

Technical values

Drying time:	approx. 2 - 4 hours
Maximum delay for over-working:	< 3 days
Temperature resistance (storage):	+5°C - +30°C
Application temperature (room air):	min. +18°C
Application temperature (substrate):	min. +15°C
Consistency:	low viscosity

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General notes

- Comply with the standards and/or national guidelines relating to flooring works. If not issued, and if necessary, request technical advice
- Relative humidity rate during application and drying: 40 - 65 %; max. 75%
- Adapt the primer to room climate before application.
- The drying time and the delay for over-working with subsequent products depend on the temperature (room air and substrate), relative humidity rate, substrate porosity and amount of primer.
- The product is frost-sensitive.
- Observe the technical data sheets of the floorings and all other used products.
- Close opened packagings tightly and use the content quickly.

Special notes

- If a conductive system is installed, it must be earthed by an electrician in accordance with prevailing regulations. The electrical conductivity is measured after complete setting of all applied products.
- The resistance of the primer on non-conductive substrates is < 3 x 10^5 Ohm in accordance with EN 13415.
- The primer reduces the porosity of the smoothed/levelled substrate; therefore, allow for an adjusted longer flash-off time of the adhesive in case of water-vapour impermeable floor coverings.

Substrates

All absorbent surfaces conforming to standards are allowed as substrates.

Substrate preparation

- The substrate must be load-bearing, dry, crack-free, free from all adhesion-impairing layers and suitable for the bonding of floor coverings.
- 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, for ex. weber.floor 4031 or 4032.
- If a thicker levelling (approx. 1- 30 mm) is required, use a **weber.floor** levelling compound, for ex. weber.floor 4160, 4190, 4310 or 4320.

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- The substrate must be checked in accordance with the prevailing 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 primer is ready-to-use and must not be diluted.
- Shake the packaging well before use.
- Do not pour the primer in one go directly onto the substrate. Distribute the primer in a uniform layer thickness, preferably with a micro-fiber roller. Puddle formation must be avoided at all costs.
- After longer work interruptions, shake up the primer again.
- Observe the instructions of the flooring manufacturer relating to the installation of an electro-conductive flooring system at all costs.
- If no instructions are given by the flooring manufacturer, the prepared and levelled floor must be completely treated full-surface with the primer weber.floor 4706.
- After drying lay the conductive strips in such a way, that connecting lugs are glued on the floor every 30 m², running approx. 1 m into the room. In all cases no point of the primed floor surface is more than 10 meters away from a conductive strip.
- These instructions do not apply to conductive elastomer floorings; in this case the use of weber.floor 4706 can be dispensed with. Follow the instructions of the manufacturer of elastomer floorings at all costs.
- Clean mixing equipment and tools with water (fresh product). Hardened material can only be removed mechanically.

Practical information

Colour:
black

Tools:
Micro-fiber roller

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

Consumption / yield

approx. 100 - 150 g/m², depending on substrate and when applied with micro-fiber roller

Packagings

Type	Sales unit
Plastic can	10 kg