

## weber.floor 4774

### Low-emission 2-comp. epoxy matte sealer

#### Transparent, matte 2-component epoxy resin emulsion sealer

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#### Fields of application

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For giving high gloss reactive-based coatings of epoxy (**weber.floor 4740**, **4741** and **4755**) or polyurethane resin (**weber.floor 4753**) a matte finish.

Also used for bonding coloured PVC chips **weber.floor 4919** which are scattered on fresh reactive resin-based coatings.

For indoors

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#### Description

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**weber.floor 4774** is a colourless, matte 2-component and solvent-free epoxy resin emulsion sealer.

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#### Composition

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2-component epoxy resin water-emulsified sealer

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#### Main features

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- fulfils the AgBB standards (Health-related Evaluation of Emissions from Building Products) for sensitive and recreative rooms
- very low emission of volatile substances
- gives a good optical effect
- good resistance to yellowing
- silk matte surface disperses light reflections and mirroring
- odourless
- resistant to many cleaning agents
- 100 % solid content (no water and no solvent) as epoxy composition according to the test method of German Association for Construction Chemicals)

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## Technical values

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Drying time:	approx. 18 hours
Pot life:	≥ 60 - ≤ 70 minutes at approx. +20°C
Application temperature (air):	≥ +15°C – ≤ +30°C
Max. relative humidity:	< 75%
Reaction to fire:	class Efl (EN 13501-1)
Consistency:	liquid
Open to pedestrian traffic:	≤ 24 hours
Open to light service:	approx. 3 days
Open to full service:	approx. 7 days
Mixing ratio:	component A (resin base) : B (hardener) = 2 : 3 parts by weight

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## Quality control

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**weber.floor 4774** is subject to a regular quality control by self-monitoring.

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## General notes

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- Follow the national guidelines/standards; if not issued and if necessary, refer to the BEB data sheets “Industrial floors of reactive resin KH-O/U, KH-1 to KH-5 and KH-O/S” (Germany).
  - All characteristics mentioned in this data sheet are based on +20°C and a relative humidity rate of 65%.
  - Low temperatures slow down, high temperatures accelerate the reaction process.
  - Minor shade deviations are unavoidable due to different product batches. If a uniform colour appearance is important, work on contiguous sections should be carried out using the same batch number (see label on packaging).
  - Epoxy resins are not permanently colour-stable under UV radiation and weather influences and they tend to become chalky due to accelerated ageing.
  - Professional cleaning and care have a positive effect on the service life of epoxy resin sealers and coatings. Request care instructions from **Weber**.
  - The substrate temperature should be at least 3°C above the dew point temperature.
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## Special notes

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- The layer thickness of cured material is < 0.1 mm. Consequently, bear in mind that intensive use might abrade this coat.
  - Abrasion resistance according to Taber: < 40 mg (ASTM 4060)
  - The end of pot life of the material is not visible.
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## Substrate preparation

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- Cured epoxy or polyurethane resin coatings must be sealed at the latest after 24 hours at +20°C. If this delay cannot be respected, a mechanical roughening of the surface, e.g. via grinding is necessary. Comply with the instructions given in the technical data sheet of the corresponding coating product.
- In case of use of **weber.floor 4774** on **weber.floor 4610** Industry Top, apply the 2-comp. low-emission epoxy resin impregnation **weber.floor 4725** beforehand.
- The substrate preparation must be adapted to the specific job site conditions.

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## Working instructions

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### Mixing

- **weber.floor 4774** is supplied in 2 pre-mix twin packagings (component A = resin base and component B = hardener) with the specific mixing ratio for use. Avoid mixing of partial quantities.
- First mix the component A with a slow-speed electric drill and the stirrer **weber.sys Rührpad-del no. 2** and empty it totally into the component B.
- Afterwards mix both components for approx. 2 minutes, until a homogenous mixture of uniform colour is achieved.
- Care must be taken to ensure that the product is also thoroughly mixed in the corners and the bottom of the mixing container.
- We recommend decanting the mixture into a clean container and mixing again shortly.

### Working instructions

- The coating surface that will be sealed must be thoroughly dry and hence ready for pedestrian traffic so that footprints will not occur when sealing the surface.
- Apply **weber.floor 4774** uniformly on the coating surface with a lint-free mohair or velour roller, in 2 cross motions. Avoid material accumulations and multiple uncoordinated applications. Always execute the cross motions “wet-in-wet” and ensure optimal material distribution. High and different layer thicknesses can cause cloudiness or haze. Only walk on the surface to be sealed with clean shoes or dull spiked shoes.
- Apply one coat on coatings with one colour; in case of coatings of different colours, apply 2 - 3 coats.
- If a non-skid surface (skid-proof level 10) is requested, add **weber.floor AntiRutsch** (4% - 5%) after mixture of both components of **weber.floor 4774**.
- While application and drying ensure a high air exchange rate in order to avoid reaction and drying disturbances; otherwise differences in gloss level and hardness will occur.

- Clean work equipment with the thinner **weber.sys 992** immediately after use and whenever working steps are interrupted (fresh product). Hardened material can only be removed mechanically.

## Aftercare

- Avoid water load within the first 7 days.

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## Practical information

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Colour:  
transparent and silk matt

Tools:  
Electric drill + stirrer **weber.sys Rührpaddel no. 2**, lint-free mohair or velour roller.

Storage:  
The product can be stored at least 12 months in its original sealed packaging, if kept dry, protected from moisture and direct sunlight, and at temperatures  $\geq +10^{\circ}\text{C}$ . Frost will destroy the product. After thawing it is not allowed to be used.

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## Consumption / yield

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approx. 120 - 200 g/m<sup>2</sup> per coat

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## Packagings

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Type	Sales unit	Number / euro-pallet
Metal bucket (kit with comp. A + comp. B)	10 kg	30 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.*