

## weber.tec 795

### Epoxy sealer, very low emission

#### 2-comp. high quality coloured epoxy resin sealer

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##### Fields of application

As paint for mineral substrates (concrete, screeds) with slight mechanical and chemical loads in interior and exterior areas.

Mainly for use in cellar rooms, archive rooms, corridors and industrial floor areas with requirements for colour design.

Also for so-called “sensitive recreation rooms”.

Furthermore as “maintenance coat” for the maintenance of old epoxy resin coatings.

For use indoors and outdoors.

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##### Description

weber.tec 795 is a factory-mixed, 2-component, water-emulsified and pigmented epoxy resin. With official approval Z-156.605-804 (Germany).

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##### Main features

- **EMICODE EC 1<sup>Plus</sup> R**: very low emission of volatile substances
- fulfills the AgBB guidelines (Committee for Health-Related Evaluation of Building Products) for sensitive recreation rooms
- easy application
- dries with a silky shine
- odorless
- rapid hardening
- high solids content
- produces beautiful surfaces
- available in a wide colour range
- for use indoors and outdoors

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## Technical values

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Curing time:	approx. 18 hours
Application temperature:	+10°C - 30°C
Pot life:	approx. 65 - 70 minutes at +20°C; higher temperatures shorten, lower temperatures delay the pot life
Density:	approx. 1.3 kg/dm <sup>3</sup>
Consistency:	liquid
Mixing ratio:	comp. A (resin base) : comp. B (hardener) = 1 kg : 5 kg
Class of reaction to fire:	Efl (EN 13501-1)
Clean-up:	water (fresh product); mechanical means (dry product)

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## Quality control

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weber.tec 795 is subject to a regular quality control by external monitoring and self-monitoring.

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## General notes

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- Comply with the national standards and/or guidelines relating to works with reactive resins on floors; if not issued and if necessary, request technical advice.
  - Relative humidity rate < 75% during application and up to 24 hours afterwards
  - 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.
  - The application of an additional wear coat with a wax-dispersion based treatment is recommended for all smooth sealers/coatings. Request **Weber** care instructions and/or technical advice.
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## Special notes

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- Do not extend the processing beyond the end of pot life; otherwise, disturbances of the curing process will occur.
  - For a colourless subsequent treatment (top coat) use the low-emission EP-emulsion primer weber.floor 4725.
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## Substrates

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- Concrete, cement screeds, anhydrite screeds, magnesia screeds, mastic asphalt screeds and old, well-bonding epoxy resin coatings are allowed substrates.

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## Substrate preparation

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- The substrate must be sufficiently load-bearing, clean, dry, dimensionally stable, and free of all adhesion-impairing particles and substances.
- Carefully remove loose or flaking mortar and paint residues.
- Level out minor surface roughness and blasting marks with a scratch layer of weber.tec 795 filled mixed with approx. 15 to 20 % quartz flour, using a flat trowel.
- In case of rising damp, take suitable waterproofing measures. Follow national rules (for ex. DIN 18195); if not issued and if necessary, request technical advice.
- Sandblast or grind old, well-bonded epoxy resin coatings or paints intensively until “white break”. If in doubt, carry out a test on a trial area.
- Magnesia and anhydrite screeds are not moisture-resistant; wait until their balance moisture content is obtained. In case of reverse moisture penetration (rising damp), there is a risk of blistering, de-bonding or damages of the screed, even in case of application of thin coats (sealers).

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## Working instructions

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### Mixing

- weber.tec 795 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.
- Empty the component A totally into the component B.
- Mix both components with a slow-speed electric drill and with the stirrer weber.sys Rührpaddel no. 8 for approx. 2 minutes, until a lump-free mixture of uniform colour is obtained.
- Take care that the product is also thoroughly mixed in the corners and at the bottom of the mixing container.
- We recommend decanting into a clean container and mixing shortly again.
- If possible, do not use partial quantities.

## Application

- Normally absorbent substrates: dilute the 1<sup>st</sup> coat with approx. 5 - 10 % water and apply undiluted the subsequent coats.
- Highly absorbent substrates: use the epoxy resin primer weber.floor 4725 at a rate of approx. 150 g/m<sup>2</sup>; respect a drying time of 4 - 12 hours prior to application of weber.tec 795.
- Non-absorbent substrates: apply weber.tec 795 undiluted on old epoxy resin coatings or mastic asphalt.
- Pour mixed material on the prepared substrate; first distribute with the foam rubber slider and afterwards roll off crosswise and vigorously with a lint-free roller. Always apply material "wet-on-wet" to ensure an optimal allocation.
- An even application results in a uniform gloss level and prevents shading.
- 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.

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## Practical information

### Colours:

standard colours approx. RAL 1001, 1015, 3009, 5014, 6011, 7001, 7015, 7023, 7030, 7032, 7035, 7040; other colours upon request

### Tools

Electric drill + stirrer weber.sys Rührpaddel no. 8, flat trowel, rubber squeegee, lint-free roller

### Storage:

The product can be stored up to 12 months in its original unopened packaging, if kept dry and frost-free. Frost will destroy the product. After thawing it is not allowed to be used.

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## Consumption / yield

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per operation: approx. 250 - 350 g/m<sup>2</sup>

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## Packagings

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.*