

## weber.floor 4046

### Fine-graded smoothing mortar

#### Patching and smoothing cement-based mortar with very quick covering maturity

##### Fields of application

As bonded patching and smoothing mortar on several horizontal substrates via manual application. It is used for filling minor recesses, trowel marks, broken or uneven parts, for closing joints and connection parts and for patching floor rails. Also convenient for small floor surfaces. After a very short hardening time it forms a sound, even and smooth substrate for all common floor coverings. For use indoors.

##### Description

weber.floor 4046 is a factory-mixed, cement-based, polymer-modified patching and smoothing mortar.

##### Main features

- **EMICODE EC 1 R<sup>PLUS</sup>**: very low emission of volatile substances
- CE marking: CT – C35 – F10 (EN 13813)
- non-sag consistency
- very fine graded
- multi-use
- very quick-setting
- very good bonding strength also without primer
- suitable for heated floor constructions
- resistant under chair castors (in accordance with EN 12529) under flooring materials
- suitable for heated floor constructions

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## Technical values

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Water demand:	approx. 28%
Compressive strength (28 days):	> 35 N/mm <sup>2</sup>
Flexural strength (28 days):	> 10 N/mm <sup>2</sup>
Pot life:	> 5 - < 10 minutes at +20°C and 65% relative humidity rate
Application temperature (air):	≥ +10°C - ≤ +30°C
Application temperature (substrate):	+10°C - +25°C
Reaction to fire:	class A 2 fl s1 (EN 13813)
Layer thickness:	from feather edge (< 1 mm) up to 50 mm
Consistency:	non-sag and creamy
Open to foot traffic:	approx. 30 minutes
Ready for covering (flooring materials):	after hardening
CE marking:	CT - C35 - F10 (EN 13813)

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## Quality control

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weber.floor 4046 is subject to a regular quality control by self-monitoring according to EN 13813.

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## General notes

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- Assess the levelling requirements beforehand.
  - For application on floating constructions and heated screeds, all walls and upstands (pillars, columns etc.) within the floor should be separated with a 8-mm thick insulation foam strip; it must reach downwards from the substrate up to the upper edge of the final covering.
  - The final surface must receive a covering, and is not allowed to be left without.
  - Higher temperatures shorten, whilst lower temperatures extend the pot life.
  - In case of doubt regarding application, substrate or special structural features, request technical advice.
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## Special notes

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- Limits of use: do not use outdoors and on floating constructions (on separating membranes or on insulation boards).
  - Do not add any foreign substances during mixing and application.
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## Substrates

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Concrete, cement screeds, calcium sulphate screeds, magnesia screeds, mastic asphalt, new and old, well-bonding patching and smoothing mortars, new and old well-bonding and glue residues, ceramic tiles, natural stones, chipboards, OSB boards and dry screed elements are allowed substrates.

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## Substrate preparation

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- The substrate must be solid, load-bearing, dry, and free of dust and all contaminants.
- The use of a primer is not necessary on most common substrates. However a specific primer on very dense, smooth or very porous substrates is mandatory, e.g. the acrylic primer weber.floor 4716, the 1-comp. PU primer weber.floor 4718 R or the 2-comp. solvent-free epoxy resin primer weber.floor 4710 or 4712 (EC 1); oven-dried silica sand weber.floor 4936 (0.3 - 0.8 mm) should be scattered on the epoxy primer. Observe the technical data sheets.
- The substrate preparation must be adapted to the specific job site conditions.

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## Working instructions

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### Mixing

- Manual application: mix with approx. 1.4 liter of water per 5 kg bag (approx. 0.28 l/kg) until lump-free, using a slow-speed electric drill and an appropriate stirrer (e.g. weber.sys Rührpaddel no. 1).

### Application

- weber.floor 4046 is dedicated to application on small areas.
- Use a flat trowel for spreading the fresh mortar in the required thickness and for smoothing works.
- After sufficient hardening weber.floor 4046 can be covered with all weber.floor smoothing mortars. Beforehand use the primer weber.floor 4716 diluted with water in a ratio of 1 : 3.
- Clean mixing equipment and tools with water (fresh product). Hardened material can only be removed mechanically.

### Readiness for covering

- All common flooring materials (textile, PVC, LVT, vinyl, linoleum, rubber, ceramic tiles, natural stones etc.) can be installed after 10 - 30 minutes.
- Parquet: in case of small surfaces the maturity time is 10 - 30 minutes; in case of larger surfaces it is approx. 12 hours per 2 mm thickness.

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## Practical information

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Water demand:

1.4 liter / 5 kg

Tools:

Electric drill + stirrer weber.sys Rührpaddel no. 1, flat trowel

Storage:

The product can be stored at least 12 months in its original unopened packaging, if kept dry and protected from moisture.

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## Consumption

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per mm layer thickness: approx. 1.3 kg/m<sup>2</sup>

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## Packagings

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Type	Sales unit	Number / euro-pallet
Plastic buckets	2 x 5 kg plastified bags	48 buckets

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*The information in this technical information is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.*