

## weber.floor 4718 R

1-comp. quick-curing PU primer

**Quick-curing and solvent-free polyurethane resin primer for substrate consolidation and as moisture barrier (SR - B1.5)**

### Fields of application

As quick-drying primer for all common substrates before gluing parquet with all **weber.floor** parquet glues (weber.floor 4832, 4833 and 4836).

As barrier against increased residual moisture and for consolidation of mineral, absorbent substrates.

As bonding layer when grit-blinded with silica sand weber.floor 4936 (0.3 - 0.8 mm) prior to smoothing works with the smoothing mortars weber.floor 4010, 4031, 4032 or 4033.

As primer in combination with the bonding primer + scratch layer weber.floor 4705 on dense epoxy coats and poured mastic asphalt (without silica sand on top) prior to application of the smoothing mortar weber.floor 4031 up to a 5-mm thick layer.

### Description

weber.floor 4718 is a factory-mixed, 1-component and solvent-free polyurethane resin primer.

### Main features

- tested according to the AgBB-scheme (Committee for Health-Related Evaluation of Building Products); hence suitable for sensitive recreative rooms
- simple and odorless processing
- quick curing and low consumption
- suitable on old substrates, e.g well-bonded adhesive residues
- very good penetration
- very high adhesion
- good vapour-barrier effect against damp

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## Technical values

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Application temperature (air):	$\geq +15^{\circ}\text{C} - \leq +30^{\circ}\text{C}$
Application temperature (substrate):	$+15^{\circ}\text{C} - +25^{\circ}\text{C}$
Reaction to fire:	class Efl s1 (EN 13501-1)
Consistency:	liquid
Open to foot traffic (curing time):	absorbent substrates: 30 - 90 minutes non-absorbent substrates: 2 - 3 hours
Ready for covering:	after curing (after 48 hours at the latest) at $+20^{\circ}\text{C}$
CE marking:	SR - B1.5

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## Quality control

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weber.floor 4718 R is subject to a regular quality control by self-monitoring.

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## General notes

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- Comply with the national standards and/or guidelines relating to floor covering works (in particular parquet). If not issued or if necessary, request technical advice.
  - The primer must be applied at falling temperatures.
  - The product is frost-sensitive.
  - Relative humidity rate  $< 75\%$  during application and for 24 hours afterwards.
  - The substrate temperature must be at least  $3^{\circ}\text{C}$  above the prevailing dew point temperature.
  - All characteristics mentioned in this data sheet relating to pot life, delay for pedestrian traffic, consumption are temperature-dependent and are based on  $+20^{\circ}\text{C}$ .
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## Special notes

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- It is essential to adhere to the specified consumption figures, as thicker layers will lead to an extremely delayed curing and to an impairment of the adhesion of subsequent layers.
  - In case of non-absorbent substrates, the curing times have to be doubled.
  - When waterproofing screeds with residual moisture, switch off the functional heating.
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## Substrates

- Concrete, cement screeds, calcium sulphate screeds, mastic asphalt, chipboards and other timber, smoothing mortars and levelling compounds, stone or ceramic tiles, hollow space floors/raised floors are allowed substrates.
- Other substrates must be examined on a case-by-case basis.

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## Substrate preparation

- The substrate must be load-bearing, dimensionally stable, dry, and free of dust and all adhesion-impairing substances.
- Its pull-off strength must be  $\geq 1.0 \text{ N/mm}^2$ .
- There is a risk of blistering on substrates that are not sufficiently dry. In case of doubt, carry out a test on a trial area.
- Remove weakly-bonded adhesive and floor covering residues.
- Close cracks in advance with the crack-filler and glue weber.floor Blitzharz easy or the quick-curing EP primer weber.floor 4715.
- Screeds must be ready for covering when weber.floor 4718 R will be used as primer.
- When used as vapour-barrier on cement screeds, the residual moisture content of weber.floor 4718 R must not exceed 4.5 CM-% (by weight) if used as non-heated screed and 3.0 CM-% (by weight) if used as heated screed.
- For measurement of residual moisture content use a carbide hygrometer (CM device) as a rule.
- The substrate preparation must be adapted to the specific job site conditions.

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## Working instructions

### Mixing

- Store material at room temperature  $> +15^\circ\text{C}$  before use.
- Shake the packaging well before use.
- In case of opened packagings, carefully remove any skin layers with reacted material and do not mix them in; if necessary, decant into a clean bucket beforehand.

### Application

- Apply the primer on small sections and in an even and thin coat with a velour roller, a foam roller or a rubber spatula.

- Avoid any puddle formation in any case.
- One coat is sufficient on dense or slightly absorbent substrates.
- 2 - 3 coats are required up to saturation on highly absorbent substrates such as e.g dry screed elements or as consolidating primer on such substrates.
- When used as vapour- barrier and as consolidating primer, a crosswise full-surface application of at least 2 coats is always required. Afterwards the application of the **weber.floor** parquet adhesives should begin within 48 hours.
- Check climatic conditions and ensure good air exchange after application.
- Low temperatures delay, whilst high temperatures shorten curing time.
- Clean equipment with the thinner weber.sys 992. Hardened material can only be removed mechanically.

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## Practical information

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Tools:

Velour roller, foam roller, rubber spatula

Storage:

The product can be stored at least 12 months in its original unopened packaging, if kept dry, protected from moisture and direct sunlight, and at temperatures  $\geq +10^{\circ}\text{C}$ .

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## Consumption

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as primer:	$> 100 - < 150 \text{ g/m}^2$
as vapour- barrier:	$> 150 - < 200 \text{ g/m}^2$

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## Packagings

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Type	Sales unit	Number / euro-pallet
Metal can	10 kg	30 cans

*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.*