

weberfloor 4720 epoxy primer

Two-component epoxy primer and bonding agent for use with Weber's flooring products

- One coat application with full coverage being achieved
- Best suited as a water-free primer on moisture-sensitive substrates
- Suitable for use on cementitious floors finishes

About this product

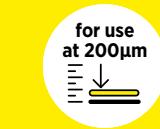
weberfloor 4720 epoxy primer is a two-component epoxy primer that bonds well into the substrate and increases the bonding tensile strength between substrates. **weberfloor 4720 epoxy primer** can be used as a primer or bonding agent as part of a Weber flooring solution.

Features and benefits

- Improves adhesion to the substrate
- Good bond to the substrate
- One coat application
- Accelerates project timelines
- Good coverage - approx. 4.2m² per kg**

Uses

- For application onto concrete and cement based substrates
- Can be used with the **weberfloor** industrial system or other appropriate cement based products and smoothing compounds
- For use indoors



for use at 200µm
APPLICATION DEPTH (WHOLE FLOOR AREA)



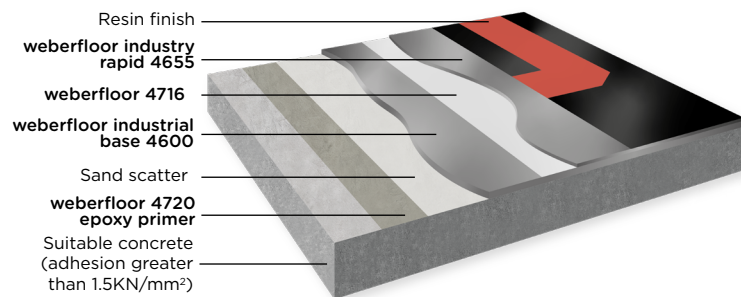
COVERING TIME
3+ hours



CAPABLE OF ONE COAT APPLICATION



LOW CONSUMPTION
20kg = 84.5m²



Constraints

- Not to be left uncovered. Used in conjunction with a **weberfloor** product. Application characteristics are affected below 10°C, minimum application temperature of 5°C
- Not suitable for substrates without a structural damp proof membrane – **weberfloor epoxy primer** is only designed to suppress residual construction moisture
- Substrates must have a surface strength ≥ 1 MPa for commercial and residential applications and ≥ 1.5 MPa for industrial applications

Preparation and priming

The substrate must be non-friable, clean and free from dust, cement, grease or other impurities which might prevent **weberfloor 4720 epoxy primer** from adhering to the substrate.

Before applying **weberfloor** products, it is essential to prepare all substrates using suitable mechanised surface preparation equipment. Use a combination of brushing and efficient industrial vacuum extraction equipment to thoroughly eliminate any dust and fines. The mechanical preparation should reach an appropriate depth, revealing aggregate and establishing a solid, hard surface that is ready for treatment.

For correct film formation the substrate temperature should not fall below +5°C. For best results the temperature of the work area should be between +10 and +15°C.

Mixing

weberfloor 4720 epoxy primer is supplied in 2 pre-mix tin packaging (Component A = resin base and Component B = hardener) with the specific mixing ratio for use.

Thoroughly stir the individual components of the **weberfloor 4720 epoxy primer** before combining them. Pour the entire contents of the hardener container (Component B) into the resin container (Component A) and blend the two materials meticulously for a minimum of 2-3 minutes using a heavy-duty, slow-speed drill with a spiral paddle. To activate any residue, reintroduce some of the mixed components back into the hardener container,

then pour them back into the larger mixing vessel and remix for 30 seconds.

This mixing process ensures product consistency, and any remaining resin in the containers, post-application, will cure for easier waste disposal. The mixed primer has a working time of no more than 35 minutes. After this period, any remaining material must not be used but should be safely discarded.

We do not recommend part mixing this product and therefore it should be mixed in its entirety. After blending, **weberfloor 4720 epoxy primer** will produce heat and experience a reduction in working time if left in the mixing container or stored in bulk. Always wear appropriate eye/face protection and gloves.

Application

After blending, apply the mixture onto the floor promptly as the self-heating within the container will decrease the available working time. Apply **weberfloor 4720 epoxy primer** onto the substrate using a medium pile roller.

In order to achieve the stated performance it is essential that **weberfloor 4720 epoxy primer** is applied in all areas at a minimum thickness of 200µm, measured with a wet film thickness gauge, and that full coverage is achieved with a pinhole free finish. If this is not achieved then an additional coat of **weberfloor 4720 epoxy primer** should be applied once the first coat has set which will take approximately 3 hours depending on site conditions.

Apply east to west, before over rolling north to south, ensuring a continuous, pinhole free finish is achieved. **weberfloor 4720 epoxy primer** should be measured with a wet film thickness gauge to ensure that a minimum thickness of 200µm has been achieved.

Coverage is approximately 0.2kg/m². Material used should never be less than this, though surface regularity and porosity may mean that more material is required.

weberfloor 4720 epoxy primer should be allowed to dry for 3 hours. Drying times may be impacted by site conditions.

Continuously work in a "wet in wet" manner. The tackiness of **weberfloor 4720 epoxy primer**

requires the application of kiln-dried silica sand (0.3-0.8mm) at a rate of approximately 1.5 - 2.5 kg/m².

Overlay

Once the primer has dried and any loose silica sand, **weberfloor 4720 epoxy primer** can be overcoated with an appropriate **weberfloor** screed.

Please note, **weberfloor 4720 epoxy primer** should be overcoated within 24 hours time. If this is not achieved a further coat of **weberfloor 4720 epoxy primer** can be applied within 48 hours. If more than 48 hours have passed then mechanical abrasion followed by an additional coat of **weberfloor 4720 epoxy primer** will be required.

Cleaning

All equipment should be cleaned with **webertec solvent** before the material sets.

Packaging

weberfloor 4720 epoxy primer is supplied in two tins as resin (Component A) and hardener (Component B):

Each pack contains:

16.8kg resin or 8.4kg (Component A)
3.2kg hardener or 1.6kg (Component B)

Each mixed pack will cover approximately 84.5m² or 42.2m² (10kg) when applied at 200µm. Substrate porosity and surface regularity will greatly impact the coverage and the above values may vary.

Storage and shelf-life

Shelf life is at least 12 months from the date of manufacture when it is kept unopened, in proper storage conditions in a cool, dry area.

Health and safety

For further information, please request the Material Safety Data Sheet for this product.

Technical data

These results were obtained under laboratory conditions. Batch to batch results may fluctuate due to common cause variation.

	Test Method	
Coverage (based on 200µm thickness)		84.5m ² (20kg) or 42.2m ² (10kg) per mixed components**
Adhesive bond	BS EN 1542	3.6 MPa
Minimum temperature use		5°C
Pot life of 1 litre at 20°C		25 - 35 minutes

* Tested as 1 layer at 200µm. Additional coats will give greater performance, contact Weber for more details.

** Theoretical coverage. Porosity and surface regularity of substrate will affect coverage.

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