



weberniv estrich fiber

Fiber-reinforced cement screed

- Fiber-reinforced
- High mechanical strength
- Can also be used for underfloor heating



Ready-to-use fiber-reinforced cement screed for indoor and outdoor use. It is suitable as a floating, sliding or adhesive screed, heated or unheated subfloor concrete, with a layer thickness of 40-80 mm. It forms an excellent base surface for receiving cold or warm coverings. Classification according to MSZ EN 13813: CT-C50- F7-B1.0

Good to know

- Material requirement: 19 kg/m²/cm
- Density: approx. 0,3 m²/25 kg bag, 40 mm layer thickness
- Mixing water requirement: approx. 0,08-0,1 l water for 1 kg powder (approx. 2-2.5 liters of water/25 kg bag)

Technical data

- Resting time: max. 10 minutes
- Binding time/walkability: approx. 24 hours/cm
- Maximum grain size: approx. 3 mm

COMMERCIAL INFORMATION

Product code	Packaging	Pallet quantity
900F	25kg/bag	48 bag / 1200 kg

Storage information

The product can be used for 1 year from the date of production when stored in the original packaging under conditions similar to cement.

General specifications

- It cannot be used at surface and air temperatures below +5°C.
- Application above +25°C is not recommended.
- The freshly applied material must be protected from strong sunlight and drafts.
- The paved surface must not be exposed to frost within 24 hours.
- Contaminated material must not be reused!

Preparation of the base surface

The base surface must be firm, dry, uniform, free from movement and shrinkage, free from dirt and separating layers (dust, oil, grease, etc.) and adequately load-bearing.

Loose surface parts must be removed beforehand.

In the case of underfloor heating, it is advisable to pre-fill the underfloor heating pipes and carry out the pressure test.

In all cases, make sure that the screed layer is properly expanded, around vertical walls and pipelines min. 5-10 mm, outdoors min. By placing a 10 mm expansion tape.

When used as a floating (application on a heat/sound insulation layer) or a sliding (separation layer) screed, the screed layer must be separated from the base surface with a suitable material (e.g. PE foil).

In the case of porous, highly absorbent, mainly cement and lime-cement bonded bases, it is necessary to use weberniv primer to balance the absorbency and to increase the adhesion.

In any case, wait until the primer is dry to the touch before leveling the substrate.

The surfaces outside the work process are carefully covered, because they cannot be completely cleaned afterwards.

Mixing

Mix the dry material per kilogram approx. Mix with 0.08-0.1 l of clean water into a lump-free, homogeneous mass. Mixing should be done with a concrete mixer or a screed mixer.

Application

The mixed material is simply poured onto the substrate and roughly leveled with a spatula.

With the help of a trowel, we set the desired height, then the leading rows, depending on the size of the room, approx. We pull it to a distance of 1-2 meters.

Its height is constantly checked with a long spirit level.

The part between the leading lines is also compacted with the help of a spirit level or a bar and pulled evenly.

During installation, make sure to create expansion and contraction joints.

The joint distribution depends on the shape, size and positive corners of the room.

It is recommended to create an expansion joint every 25 m², and in the case of an elongated floor plan, observe the side length ratio of 1:3.

In the case of underfloor heating, make sure that the concrete cover is min. It should be 40-45 mm above the pipes.

The final surface requires post-treatment, in case of rapid drying, protect it by covering or sprinkling.

The material can be covered, or in the case of underfloor heating, the conditions for the first heating are the completion of the cement bond and the removal of residual moisture.

The residual moisture content is determined with a CM device, $\leq 2.5\%$ in the case of a vapor barrier cover, $\leq 3.0\%$ in the case of a vapor permeable cover.

You can find more useful information on our website

Scan the QR code using your device's camera. On the site, you can access additional useful product information, as well as download the product's declaration of performance and safety data sheet.



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weberniv EXTra	Fiber-reinforced self-leveling screed leveler
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