

FESTFLOOR

TECHNICAL DATA SHEET

FESTFLOOR GO!

Microcement system for indoor use



DESCRIPTION

FESTFLOOR GO! is a polymer system for creating seamless surfaces on existing substrates such as: cement screed, anhydrite screed, ceramic tiles, OSB boards, etc. Its functionality and unique appearance make it ideal for apartments, houses, shops, exhibitions, hotels and catering premises. FESTFLOOR GO! is also suitable for floors, walls, ceilings, as well as furniture cladding and countertops.

WHERE TO USE?

- Floors in apartments, catering premises, offices, etc.
- Ceilings imitating natural concrete
- Thanks to its water resistance, it is suitable as a finish for floors and walls in bathrooms and showers
- Wall and column cladding in houses and apartments
- As an exclusive finish for furniture and kitchen countertops
- Door cladding

PROPERTIES

- Very high adhesion to many types of substrate
- System thickness – approx. 1.5-2 mm
- Water resistance
- UV resistance
- High abrasion resistance
- Easy everyday maintenance
- Unlimited colour palette
- Short implementation time
- Many finishing options

PACKAGING

The product is supplied in packages of: 5 kg, 10 kg, 15 kg, 20 kg.

CLEANING OF TOOLS

Clean equipment and tools immediately after use with water.
Remove cured material mechanically.

SYSTEM COMPONENTS

Basic system for indoor use:

- FEST Grunt - priming
- FESTFLOOR GO! microcement
- Impregnation - PU FEST 2K / PU FEST 2K CARBON / PU FEST Turbo, products used to protect the finished surface.

APPLICATION CONDITIONS

- Air and substrate temperature: 15°C-25°C
- Relative humidity: up to 60%
- Substrate moisture: up to 3%

TECHNICAL DATA

- Application temperature: 15°C-25°C
- System thickness: from 1.5 to 2 mm
- Adhesion to substrate: >1.5 N/mm², UNE-UN 13892-8 test
- Density: 1.75 kg/dm³
- Shelf life: 6 months in a closed, original package

STORAGE

Products included in the FESTFLOOR GO! system should be stored for 6 months in unopened original packaging and in a dry place at temperatures from 10°C to 25°C, away from heat sources. Protect from frost and direct sunlight.

FLOOR SURFACE PREPARATION

The substrate must be stable and load-bearing. In the case of cement screeds, the concrete class of the substrate must be at least C16/20 (B20) with a minimum pull-off strength tested by the pull-off method of 1 N/mm². The substrate moisture must not exceed 3%. In the case of anhydrite screeds, the residual moisture must not exceed 0.5% CM for screeds without underfloor heating and 0.3% CM for screeds with underfloor heating. In wet areas, a system waterproofing must be used. Before starting the work, underfloor heating must be switched on and tested to the highest temperatures used; at most 72 hours before the application of the FESTFLOOR GO! system, the underfloor heating must be switched off. In the case of weak substrates, they must be strengthened. To protect the cement screed against crack transmission, it is recommended to use FESTFLOOR Base together with fibermesh. Cement laitance, other coatings, and any contaminants such as gypsum, oils, asphalt, etc. must be removed by sanding or shot blasting and vacuuming. In the case of an uneven or non-uniform substrate, it must be sanded down or levelled with self-levelling screeds or epoxy screed. Fill voids with epoxy mortar or repair mortars. The concrete substrate must be primed with FEST Primer (1 or 2 coats, as needed) and allowed to dry for approx. 2-4 hours.

WALL SURFACE PREPARATION

The surface should be smoothed and vacuumed free of all dust and dirt. In the case of ceramic tiles and porcelain stoneware, the substrate must be cleaned of all dirt and stains by sanding with a diamond disc (to dull the glazed layer / sand off the glaze). Defects and joints must be filled. The substrate moisture must not exceed 3%. In wet areas, a system waterproofing must be applied. Apply a primer layer of FEST Grunt to the surface prepared in this way with a roller (1 or 2 coats, as needed) and wait approx. 2-4 hours for it to dry. For substrates other than concrete, such as OSB boards or tiles, FEST Kontakt should be used together with Fibermesh to reinforce the substrate. Spread evenly with a trowel. Wait 4-6 hours between applying successive layers.

MIXTURE PREPARATION

FESTFLOOR GO! is supplied in ready-to-use packaging. If necessary, the product can be diluted by adding up to 5% water. After opening, mix the product with a low-speed drill. Shades may vary slightly between production batches, so microcement from different packages should be poured into one larger container and mixed to even out the shades. Before starting work, make sure the room is well lit. Drafts should be avoided. Other work on the construction site that generates dust and other contaminants that may spread should be stopped. Observe the recommended application temperature.

APPLICATION

Before starting application, prepare enough material to apply the first layer over the entire surface. The material should be spread over the entire surface using trowels and other metal tools to a thickness not exceeding 1 mm. Application should be carried out using quick, energetic movements in different directions, depending on the desired effect. Apply subsequent batches of material using the wet-on-wet method, moving from the windows towards the exit.

Do not interrupt work while applying the material. After about 4 hours, when the material has fully cured and is dry, sand the floor with a single-disc machine (so-called polisher) using 60-120 grit sandpaper (depending on the desired effect).

Hard-to-reach areas (corners, along walls, etc.) should be sanded with handheld orbital sanders. Vacuum the entire surface. Then prepare the material needed for the second layer and proceed with its application, following the same procedure as for the first layer. During the work, the use of disposable shoe covers is recommended to avoid soiling the floor.

After the last layer has dried, sand it with a single-disc machine (so-called polisher) using 80 grit sandpaper and higher (depending on the desired effect). After applying the last layer, leave the floor for 4-6 hours to dry completely. After this time, impregnation can begin.

SEALING

The surface must be perfectly hardened, load-bearing, dry, clean, and free of dust, waxes, and oils. Shake the container with the PU FEST 2K polyurethane sealer well. Add the hardener according to the marking on the packaging. Mix component A with component B in a 5:1 ratio (5 weight parts of component A; 1 weight part of component B). Then add 10% water relative to the total volume of components A and B (e.g. 5 kg of component A + 1 kg of component B + 0.6 kg of water) and mix thoroughly. Leave the open container for approx. 10 min., then mix again. Apply using a high-quality roller with an 8 mm pile length. The second coat of PU FEST 2K sealer can be applied after 4 hours without sanding, or after 24 h after sanding the surface with 220-grit sandpaper. Do not apply PU FEST 2K sealer during the hottest hours of the day, when weather conditions are not favorable, or on damp substrates. In addition, in areas exposed to increased foot traffic, water, and dirt, FEST Primer sealer primer or the 3K PLUS sealer additive can be used. These products are not mandatory; the PU Fest 2K sealer itself provides high resistance. Additional products are used to extend the service life of the sealer.

- The floor can be used after 12 hours.
- Full hardening after 7 days.
- Resistance to water after 7 days.
- High humidity, low temperature, and poor ventilation may extend the stated times.

DAILY FLOOR MAINTENANCE

FESTFLOOR GO! floors are decorative floors and therefore special attention should be paid to their use and maintenance:

- use water for daily cleaning,
- for furniture – chairs, tables, etc. we recommend placing felt pads underneath to distribute the load evenly and reduce the formation of dents,
- spilled substances and other dirt should be removed immediately after soiling, especially during the first period of floor use,
- remove more difficult dirt using FEST Cleaner or POWER-FEST,
- do not use products with a low PH or those that may cause discoloration,
- before using a new cleaning product, it is recommended to test it in an inconspicuous place. More information can be found in the instructions for use of decorative microcement coatings Festfloor.

SAFETY AND HEALTH

The product is intended for professionals. Before starting work, familiarise yourself with the technical sheets of the components included in the system available on the website. Avoid contact with skin, mucous membranes, eyes, etc. In the event of accidental contact, wash with soap and water and seek medical advice. Take measures to prevent dusting or splashing with mortar. Keep out of reach of children. It is recommended to use masks and gloves. In enclosed rooms, ensure good ventilation and avoid inhaling dust.

CONSUMPTION

No.	LAYER	MATERIAL	CONSUMPTION
1	Existing concrete substrate	-	-
2	Primer layer [second layer optional]	FEST Primer	Approx. 0.1-0.3 kg/m ²
3a	Base layer [optional]	FESTFLOOR Base	Approx. 1-1.2 kg/m ²
4	Fiberglass mesh [optional]	Fibermesh	-
3b	Base layer [optional]	FESTFLOOR Base	Approx. 0.8-1.0 kg/m ²
5a	1st layer of FESTFLOOR GO! microcement	FESTFLOOR GO!	Approx. 0.7-1.0 kg/m ²
5b	2nd layer of FESTFLOOR GO! microcement	FESTFLOOR GO!	Approx. 0.5-0.7 kg/m ²
6	Sealing – first coat of sealer	PU FEST 2K CARBON, PU FEST 2K, PU FEST Turbo	Carbon: 0.07-0.15 kg / m ² PU FEST 2K: 0.1-0.15 kg / m ² Turbo: 0.1-0.15 kg / m ²
7	Sealing – second coat of sealer	PU FEST 2K CARBON, PU FEST 2K, PU FEST Turbo	Carbon: 0.07-0.15 kg / m ² PU FEST 2K: 0.1-0.15 kg / m ² Turbo: 0.1-0.15 kg / m ²

FLOOR CROSS SECTION

