

## FESTFLOOR GO! Indoor use microcement system

### Technical Sheet

Decorative multi-colored ready-to-use microcement system for indoors.

#### SYSTEM DESCRIPTION



**FESTFLOOR GO!** is a one-component ready-to-use system composed of a polymer mixed with a special cement mixture for everyone looking for jointless finishing floors without structural dilatation joints. It might be applied on cement grout, ceramic tiles, OSB boards, etc. It is an innovative product suitable for all kind of environments. It quickly covers unsightly joints and fissures and offers a stylish and practical solution to transforming large surfaces such as walls, floors, ceilings, kitchens, bathrooms, countertops, showers, wet rooms and swimming pools.

Microcement is ultra-thin-layer compound made of concrete and special resins. It can be applied on floors, walls, and even furniture, often with decorative texture. Microcement is finished with the top coat sealer available in mat, satin and glossy.

APPLICATION AND USES	ADVANTAGES
<ul style="list-style-type: none"><li>• Floors in flats, restaurants, offices, etc.,</li><li>• Ceilings with seamless faux concrete finish</li><li>• Thanks to its water resistance – high impermeability to liquids and vapor – it is suitable for bathrooms and showers</li><li>• Walls in flats and houses</li><li>• Stylish finishing of furniture and kitchen countertops</li></ul>	<ul style="list-style-type: none"><li>• High adhesion to any surface</li><li>• Total thickness 1,5-2 mm</li><li>• 100% waterproof</li><li>• Easy to clean and maintain.</li><li>• Resistant to UV rays</li><li>• High resistance to rubbing/wear</li><li>• Endless patterns, textures, designs</li><li>• Infinite combination of colors</li><li>• High thermal conductivity when installed over underfloor heating.</li></ul>

## FESTFLOOR GO! INDOOR USE MICROCEMENT SYSTEM

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- **FEST Grunt** – primer
- Decorative multicolored ready to use microcement **FESTFLOOR GO!**
- Sealing – **PU FEST 2K** extremely hard wearing, polyurethane-based super sealer for maximum floor protection.

## APPLICATION CONDITIONS

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- Air and substrate temperature: +15° C ÷ +25° C
- Relative air humidity: up to 60%
- Substrate humidity: up to 4%

## SUBSTRATE PREPARATION

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### 1. Checking the substrate

The substrate should be firm and free of moisture. The substrate concrete strength class should be at least C20/25 (B25). The concrete substrate must be sound and of sufficient compressive strength with a minimum pull off strength of 1 N/mm<sup>2</sup>. Substrate humidity cannot exceed 4%.

**In places exposed to capillary rise of water, systemic waterproofing should be used.**

The surface shall be free of dirt, oil, laitance and other contaminants that may act as bondbreakers. All unsound concrete should be removed to ensure a good bond. Mechanically clean the surface by shotblasting to allow proper bonding. Weak concrete substrate must be removed and surface defects such as blow holes and voids must be fully exposed. Repairs to the substrate, filling of blowholes/voids and surface levelling must be carried out using appropriate products. All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.

### 2. Surface priming

Coat concrete surface with **FEST Grunt** and leave to dry. Use 1 or 2 coats depending on your needs. Interval between coats should be not less than 2-4 hours.

### 3. Substrate strengthening

Afterwards you can start applying the **FEST Kontakt** adhesion promoter together with the fiberglass mesh to strengthen the substrate. Before use of **FEST Kontakt**, mix the product well, do not dilute. When strengthening the substrate, the mesh should be immersed immediately after placing **FEST Kontakt** on the floor. Wait 4-6 hours between the application of subsequent layers. Spread the mixed material evenly with a trowel.



#### MIXTURE PREPARATION

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**FESTFLOOR GO!** is delivered in ready-to-use packages. After opening, the product should be mixed with a low-speed drill. If necessary, the product can be diluted by adding up to 5% water. After opening, mix the product with a slow-speed drill. Shades may differ slightly in different production batches, so the microcement from different packages should be poured into one larger one and mixed in order to standardize the shades. Before commencing work, ensure good lighting of the room. Avoid drafts. Other construction works that cause the formation of dust and other contaminants that can move should be discontinued.



#### APPLICATION

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You should prepare the amount of mass so that it is enough for application all over the surface. Spread the entire surface using trowel and other metal tools for a thickness of no more than 1 mm. The application should be executed with fast, vigorous movements in different directions depending on the expected effect. Subsequent batches of material should be applied wet to wet, moving from the windows towards the exit. Do not make work breaks during application. After about 4 hours, when the material is completely tied and dry, grind the floor with single disc floor grinder (sanding machine) with 60-120 grit sandpaper (depending on the desired effect). Hard-to-reach areas (corners, walls, etc.) should be sanded with eccentric hand grinders. The surface should be vacuumed. Then proceed to the next layer application like the first one. During work, it is recommended to use shoe covers to avoid dirt on the floor. Once the last coat has dried, sand it with a single disc floor grinder (sanding machine) with 80-grit sandpaper or more (depending on the desired effect). After the last coat, leave the floor for 4-6 hours to dry completely. After this time you can proceed to sealing.



## SEALING

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The surface must be perfectly hardened, load-bearing, dry, clean and free of dust, waxes and oils. The container with **PU FEST 2K** sealer should be well shaken. Add hardener as indicated on the package. The hardener in a ratio of 5: 1 (5 parts by weight of component A: 1 part by weight of component B) is poured into the container with varnish and mixed thoroughly. Then add 10% water in relation to the whole weight of components A and B (e.g. 5kg of component A + 1kg of component B + 0.6kg of water) and mix. Leave the container open for about 10 minutes, then mix again. The components should be mixed just before sealing. The prepared sealer has an open time of 45 minutes. After it expires, the sealer binds and is not fit for use. Apply with a high-quality roller with a bristle length of min. 8 mm. The second layer of **PU FEST 2K** sealer can be applied after 4 hours without the need to sand or after 24 hours after sanding the surface with 220 grit sandpaper.

In addition, in places exposed to increased pedestrian traffic, water and dirt, you can use **FESTPrimer** undercoat or **3K PLUS** additive. 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 surface is dry and can be touched and other work carried out after about 12 hours. Fully cured after 7 days. Full water resistance after 7 days. High humidity and low temperature as well as poor ventilation can extend the time given.



## CLEANING AND FLOOR MAINTENANCE

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**FESTFLOOR GO!** floors are decorative floors, so you should pay special attention to its use and care:

- use water for daily cleaning
- we recommend placing felt pads under furniture - chairs, tables, etc. to evenly load objects and reduce scratches
- remove spilled substances and other impurities immediately after soiling, especially during the first period of using the floor
- remove harder dirt with a neutral pH floor cleaner, eg **FESTCleaner**
- not use products with low PH and those that may cause discoloration
- before using a new product for cleaning, it is recommended to make a test in an invisible place



## CLEANING OF TOOLS

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Cleaning of tools should be carried out with water and, if the material dries on the tool, it should be removed with sandpaper.

## PACKAGING

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**FESTFLOOR GO!** is available in 3 formats:  
5kg, 10kg, 15kg and 20kg



## SAFETY AND HEALTH

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Product for professional users only. Read technical sheets of all components of the system available on [www.festfloor.eu](http://www.festfloor.eu). In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of contact with skin, wash thoroughly with soap and water. If ingested, seek immediate medical attention. Do not induce vomiting. Wear gloves and goggles when handling and applying the product. In open spaces, special protection is not required. In closed enclosures, provide fresh air with a system of appropriate ventilation. Use breathing mask.

## ADDITIONAL INFORMATION – CONSUME

No.	LAYER	MATERIAL	CONSUME
1	Existing concrete substrate	-	-
2	1 <sup>st</sup> layer of primer	FEST Grunt	0,2-0,3 kg/m <sup>2</sup>
3	2 <sup>nd</sup> of primer [optional]	FEST Grunt	0,2 kg/m <sup>2</sup>
4	Adhesion promoter + fiberglass mesh [optional]	FEST Kontakt	1,5 kg/m <sup>2</sup>
5	1 <sup>st</sup> layer of <i>FESTFLOOR GO! microcement</i>	FESTFLOOR GO!	1,0 kg/m <sup>2</sup>
6	2 <sup>nd</sup> and subsequent layers of <i>FESTFLOOR GO! microcement</i>	FESTFLOOR GO!	0,5 kg/m <sup>2</sup>
7a	Sealing – undercoat [optional]	FESTPrimer	0,05-0,1 kg/m <sup>2</sup>
7b	Sealing – sealer	PU FEST 2K, PU FEST Turbo	0,12 kg/m <sup>2</sup>
7c	Sealing – sealer additive [optional]	3K Plus	0,01 kg/m <sup>2</sup>

## FLOOR CROSS SECTION LAYERED SCHEME



## SPECIFICATIONS

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- Application temperature: +15° C ÷ +25° C
- Thickness: From 1,5 to 2 mm
- Adhesiveness: >1,5 N/mm<sup>2</sup>, test UNE-UN 13892-8
- Density: 1,75 kg/dm<sup>3</sup>
- Storage conditions: Keep closed in original container in a dry environment in temperature +10° C ÷ +25° C. Protect against frost and direct sunlight.
- Shelf life: 6 months in a closed container.