

FESTFLOOR

TECHNICAL DATA SHEET

FESTFLOOR BASE

Decorative, pigmented base layer for indoor use



DESCRIPTION

FESTFLOOR Base is a polymer-cement system for creating seamless surfaces on existing substrates such as cement screed, anhydrite screed, OSB boards, etc.

WHERE TO USE?

- Floors in apartments, hospitality venues, offices, etc.
- Wall and column cladding in houses and apartments
- Exclusive finishing of furniture and kitchen countertops
- Cladding for doors
- Strengthening the substrate with fibermesh
- Base layer under subsequent microcement layers

PROPERTIES

- Very high adhesion to many types of substrate
- System thickness: approximately 1.5-2 mm
- Water resistance
- UV resistance
- High abrasion resistance
- Short project completion time
- Many finishing options

PACKAGING

- 15+5 set (15 kg FEST Powder and 5 kg FEST Liquid)
- 9+3 set (9 kg FEST Powder and 3 kg FEST Liquid)

CLEANING OF TOOLS

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

STORAGE

The products included in the FESTFLOOR Base system can be stored for 12 months in originally sealed packaging and in a dry place, at temperatures from +10°C to +25°C, away from heat sources. Protect from frost.

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 of 1 N/mm² tested by the pull-off method. The substrate moisture must not exceed 3%. In the case of anhydrite screeds, 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 layer must be used.

Before starting work, the underfloor heating must be switched on and tested to the highest temperatures used. No later than 72 hours before starting the application of the FESTFLOOR 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 contamination, e.g. from plaster, oils, asphalt, etc., must be removed by grinding or shot blasting and vacuuming. In the case of an uneven or non-homogeneous substrate, it must be ground down or levelled using self-levelling screeds or epoxy screed. Fill any voids with epoxy mortar or repair mortars. The concrete substrate should be primed with FEST Grunt (1 or 2 coats, as needed) and left for approximately 2-4 hours to dry.

MESH EMBEDDING

After priming the substrate with FEST Grunt, proceed to embed the fibermesh. This can be done in two ways:

1. Using the additional liquid polymer FEST Liquid. The fibermesh should be laid out on the substrate and cut to fit the room. Before opening FEST Liquid, shake it, pour it into a paint tray and spread it over the fibermesh using a microfiber roller. After 2-4 hours, when the polymer has dried, you can proceed with preparing and applying the base layer of FESTFLOOR Base.
2. Using the base compound FESTFLOOR Base. The fibermesh should be laid out on the substrate and cut to fit the room. Then prepare the components and apply the compound over the fibermesh as described in the application instructions.

MIXTURE PREPARATION

FESTFLOOR Base is supplied in two components: a dry white compound and a liquid polymer, which, when combined, form an easy-to-apply flooring compound. The suggested mixing ratio is 1:2.5-1:3.5 (one weight part of liquid polymer; 2.5-3.5 weight parts of dry compound).

For precise measuring of the components, all components should be weighed on precision electronic scales. Application temperature 15°C-25°C. Application at higher temperatures will significantly shorten the setting time. Application at lower temperatures may result in the material not setting.

Before starting work, ensure good lighting in the room. Drafts should be avoided. Other construction work that generates dust and other contaminants that may spread should be stopped. The liquid polymer should be stored before and during application in a cool, shaded place.

Before application, mix it at low speed for 3 minutes. Mix with a basket mixer at low speed. When mixing the components, it is recommended to gradually add the dry compound to the polymer while continuously mixing. This will help avoid clumping of the material. Mix the whole batch for 3 minutes until a homogeneous mass is obtained.

APPLICATION

Before starting the application, prepare enough material to complete the first layer over the entire surface. Spread the material over the entire surface using trowels and other metal tools to a thickness of no more than 1 mm. Apply with quick, energetic movements in different directions, depending on the expected effect. Do not stop work during material application. After about 4 hours, when the material has fully cured and is dry, sand the floor with a single-disc sander using 60-120 grit sandpaper. Hard-to-reach areas should be sanded with hand eccentric sanders. Vacuum the entire surface and proceed with the application of the next layer. After the final layer has dried, sand it with 80 grit sandpaper or finer, then leave the floor for 4-6 hours to dry completely. After that time, impregnation can begin.

SAFETY AND HEALTH

Product intended for professionals. Before starting work, read the safety data sheets for the components included in the system, available on request. Avoid contact with skin, mucous membranes and eyes. In case of accidental contact, wash with soap and water and seek medical advice. Take measures to prevent dusting or splashing with the mortar. Keep out of reach of children. It is recommended to use masks and gloves. In enclosed spaces, ensure good ventilation and avoid inhaling dust.

CONSUMPTION

No.	LAYER	MATERIAL	CONSUMPTION
1	Existing concrete substrate	-	-
2	I primer layer	FEST Grunt	Approximately 0.2-0.3 kg/m ²
3	II primer layer [optional]	FEST Grunt	Approximately 0.2 kg/m ²
4	I base layer FESTFLOOR Base (with fibermesh - optional)	FESTFLOOR Base + fibermesh	BAZA XL: approximately 1.2-1.5 kg/m ² BAZA L: approximately 1-1.3 kg/m ² first layer BAZA L: approximately 0.8-1.0 kg/m ² second layer
5	II base layer FESTFLOOR Base	FESTFLOOR Base	BAZA XL: approximately 1.2-1.5 kg/m ² BAZA L: approximately 1-1.3 kg/m ² first layer BAZA L: approximately 0.8-1.0 kg/m ² second layer