

INNO-FLOOR

FOX SSL® 75 GYP

Calcium Sulphate Based, Fiber Reinforced, Self Leveling Screed

Description

FOX SSL® 75 GYP Calcium Sulphate Based, fiber reinforced, can be applied up to 1.5-50 mm thickness, can be walked on after 2-3 hours, high performance, sandable, self-leveling floor screed.

It meets the requirements of EN 13813:2002 standard CA-C35-F10.

CA : Calcium Sulfate Based
C35 : ≥ 35 N/mm² Compressive Strength
F10 : ≥ 10 N/mm² Flexural Strength

Fields of Application

- Indoors, on horizontal surfaces,
- On cement screed and concrete surfaces,
- Calcium sulfate on screed surfaces,
- Prefabricated surfaces on chipboard (P4 to P7) and OSB (OSB2 to OSB4) sheets,
- In magnesite screeds,
- On cement based terrazzo surfaces,
- On tile-coated surfaces,
- Leveling and removal of rough and uneven concrete surfaces,
- Leveling of screeds with uneven surfaces before adhering tiles, marble, natural stone, parquet, carpet and PVC coatings

Advantages

- Can be walked on after 2-3 hours.
- It has very low tension.
- Gets fast and high strength.
- It has a smooth and excellent finished surface texture
- Does not shrink and does not dust.
- Spreads and levels itself.
- Provides fast and easy application.
- Can be applied with a pump.
- Economical.
- It is mixed only with water.

Technical Properties

Material Structure		Calcium Sulfate
Color		White
Dry Density		1,2-1,25 g/cm ³
Fresh Mortar Density		1,80-1,90 g/cm ³
Compression Strength	EN 13892-2 (7 days)	≥ 20 N/mm ²
	EN 13892-2 (28 days)	≥ 35 N/mm ²
Flexural Strength	EN 13892-2 (7 days)	≥ 3 N/mm ²
	EN 13892-2 (28 days)	≥ 10 N/mm ²
Leveling	DIN EN 12706	14,5 \pm 1 cm
Fluidity Time		~9 min.
pH	EN 13454-2	≥ 7
Application Thickness		1,5-50 mm
Pot Life		~15 min.
Walkability Time		~2-3 hours
Coating Time		24 hours*
Floor Temperature		+5°C / +30°C
Fire Class	EN 13501-1	A2 _{f1}

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures extend the time.



www.foxbau.com

FOX BAU YAPI KİMYASALLARI ANONİM ŞİRKETİ

Merkez : Organize Sanayi Bölgesi 1. Kısım 7. Cadde No:6 Döşemealtı-ANTALYA/TÜRKİYE
Telefon : 0(242) 221 42 50 Fax : 0(242) 221 42 55
Şube 1 : Kargalı Hanbabaosb Mah. Organize San. 10. Sk. No:6 Hendek-Sakarya/TÜRKİYE
Şube 2 : Oyalı OSB Mahallesi 3. Cadde No:21 Eğil-Diyarbakır/TÜRKİYE
Web : www.foxbau.com E-mail : info@foxbau.com

Surface Condition

The concrete substrates to be applied must be solid and have sufficient compressive strength (at least 25 N/mm²), tensile strength must be at least 1.5 N/mm², humidity must be maximum 4%, ground temperature must be minimum +5°C. It should also be ensured that the dew point of the ground is above +3°C. The substrate must be clean, dry and free from foreign materials such as dirt, oil, grease, coating and surface curing materials etc.

Application Procedure

Substrate Preparation

Concrete sub-surfaces to be applied should be prepared by using abrasive equipment (Shot Blasting, milling, diamond grinding, etc.) to remove the cement grout and obtain an open porous surface. Weak concrete pieces should be removed from the surface, small gaps and holes should be made completely open. The resulting dust should be cleaned with the help of an industrial vacuum cleaner.

Mixing

Pour the amount of water specified on the package into a clean mixing bowl. Slowly add **FOX SSL® 75 GYP** into the water and mix with an electric mixer and suitable mixing tip for 2-3 minutes until a homogeneous mixture is obtained. Lumps of material at the bottom of the bucket should not be allowed and these lumps should be dispersed. Let the product rest for about 3 minutes for maturation, then mix for 1 minute more and make it ready for use.

Mixing Ratios

Approximately 4,00±0,20 liters of water should be used for 20 kg/1 bag **FOX SSL® 75 GYP**.

Approximately 200±10 ml of water should be used for 1 kg **FOX SSL® 75 GYP**.

Application

Priming

FOX SSL® 75 GYP, the floor should be primed to increase the adherence of the leveling screed to the floor, to reduce the air bubbles that will form and to prevent the mixture liquid from being absorbed by the floor. In primer selection, surface properties should be examined and time requirement should be calculated. **FOX PRIMERA® FL220** or **FOX UNIPRIMER FL555** primer selected according to the need is mixed with water at a ratio of 1/1 and applied with a brush or roller. 2nd coat is applied on very absorbent surfaces. After the primer dries, **FOX SSL® 75 GYP** application can be started.

*Please consult our technical unit for the primer preference to be used on surfaces other than cement based surfaces.

Coating

FOX SSL® 75 GYP is poured on the surface and applied in desired thickness with a comb or suitable trowel. When the coating reaches the appropriate consistency, a spiked roller should be applied and the air should be removed. If it is late for spiked roller application, spiked roller marks may remain on the surface.

FOX SSL® 75 GYP can be applied up to 30 mm thickness at a time. The application thickness should be at least 1.5 mm on solid and dense subfloors and non-absorbent surfaces. For thicknesses over 30 mm, the table should be taken into consideration.

Mixing Ratios with Sand

Application Thicknesses	Sand Grading	Amount to be Added (by Weight)
30-50 mm	0,4-1,2 mm	%30
30-50 mm	0 – 4,0 mm	%30
30-50 mm	0 - 8,0 mm	%50

Application with Pump

FOX SSL® 75 GYP is suitable for pumping filler material with screw, piston and continuously operating mixing pumps that pump approximately 20 to 40 liters of mortar per minute. The machine and hoses should be cleaned if they are switched off for more than 15 minutes. The pumped material is applied with a comb or suitable trowel to the desired thickness. When the coating reaches the appropriate consistency, a spiked roller should be applied and the air should be removed. If the application of the spiked roller is delayed, spiked roller marks may remain on the surface.

Cleaning of Tools

Tools and equipment used after application should be cleaned with water. **FOX SSL® 75 GYP** can only be mechanically cleaned from the surface after hardening.

Consumption

1,50 kg/m² **FOX SSL® 75 GYP** mixture should be used to obtain 1 mm thickness.



Watch Points

- When applying **FOX SSL® 75 GYP**, If the ambient and surface temperature is below +5°C or above +30°C, suitable temperatures should be expected.
- Application should not be made in extremely hot, rainy or windy weather.
- The materials to be used should be brought to the application area 1-2 days in advance, stored and adapted to the ambient conditions.
- In applications to be made in extremely cold weather, the ambient and ground temperature should be increased with heaters, and the materials to be used should be conditioned at +20°C/+25°C and made ready for application.
- Working and reaction times of cement-based systems are affected by ambient and ground temperature and relative humidity in the air. At low temperatures, the reaction slows down, which prolongs pan (pot) life and working time. High temperatures accelerate the reaction and the times mentioned above are shortened accordingly.
- For the material to cure, the ambient and ground temperature should not fall below the minimum permissible temperature. After mixing, the material should be allowed to rest and then mixed again. After the application of **FOX SSL® 75 GYP** it should be waited at least 3 days to apply another coating on it.
- Wooden floors should have a moisture content suitable for the climatic conditions of the room and should be kept constantly dry to prevent damage caused by moisture. Especially when laying vapor-tight coatings, adequate ventilation should be ensured, for example by installing ventilation slots. Wooden floor boards must be well fastened to the joists and fitted with tenons and grooves. They must not move against each other and may need to be re-screwed.

Package

20 kg Kraft bag

Shelf Life

6 months from the date of production under appropriate storage conditions. Opened packages should be closed and consumed within 1 week. Opened packages should be tightly closed and stored under suitable storage conditions.

Storage

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. For short-term storage, maximum 2 pallets should be stacked on top of each other and shipment should be made on a first-in, first-out basis. For long term storage, pallets should not be stacked on top of each other.

Safety Precautions

It is dangerous to approach the storage and application areas with fire. Storage and application areas should be ventilated. During the application, work clothes, protective gloves, goggles, masks in accordance with the occupational health and safety rules should be used. During storage and application, it should not be contacted with the skin and eyes, should be washed immediately with plenty of water and soap, and if swallowed, seek medical attention immediately. Food and drink materials should not be brought to the application areas. It should be stored out of the reach of children.

For detailed information, please refer to the Material Safety Data Sheet.

Disclaimer

The data contained in this technical document is based on our scientific and practical knowledge. Fox Bau Yapı Kimyasalları A.Ş. is only responsible for the quality of the product. Our company cannot be held responsible for the consequences that may occur due to misuse and/or other than the written suggestions about where and how the product will be used. For detailed information, the safety data sheet and technical data sheet should be consulted or our company officials should be contacted.



www.foxbau.com

FOX BAU YAPI KİMYASALLARI ANONİM ŞİRKETİ

Merkez : Organize Sanayi Bölgesi 1. Kısım 7. Cadde No:6 Döşemealtı-ANTALYA/TÜRKİYE
Telefon : 0(242) 221 42 50 Fax : 0(242) 221 42 55
Şube 1 : Kargalı Hanbabaosb Mah. Organize San. 10. Sk. No:6 Hendek-Sakarya/TÜRKİYE
Şube 2 : Oyali OSB Mahallesi 3. Cadde No:21 Eğin-Diyarbakır/TÜRKİYE
Web : www.foxbau.com E-mail : info@foxbau.com