

**INNO- SEAL****FOX MULTISEAL® STANDART**

**Capillary active waterproofing material applicable from both positive and negative sides.**

**Description**

**FOX MULTISEAL® STANDART** is a two-component, cement- and polymer-dispersion-based waterproofing mortar that prevents moisture, seepage, and surface water on concrete surfaces. It can be applied from both the positive and negative sides.

**It complies with the requirements of EN 1504-2:2004/Principle 2.2 and 8.2.**

**Fields of Application**

- For interior and exterior use, on vertical and horizontal surfaces, applied from both positive and negative sides,
- In bathrooms, balconies, and all wet areas,
- In water tanks and balancing tanks,
- On walls and floors of cold storage areas,
- On foundations, retaining and curtain walls,
- In elevator pits,
- In basements, from both positive and negative sides,
- For planter waterproofing,
- For protecting concrete against water, carbonation, and de-icing salts,
- In brine pools,
- In fish farming pools,
- In food storage facilities,
- In hydroelectric power plants.

**Advantages**

- Easy to prepare and apply
- Long working time
- Effective from both negative (4 bar) and positive (10 bar) sides
- Water vapor permeable (breathable)
- Can be applied by brush or spray
- Capillary-active structure
- Excellent adhesion strength – works integrally with the substrate,
- High adhesion performance and semi-flexibility provide a waterproof layer under screeds and tiles
- Forms a seamless, jointless, permanent, waterproof coating
- Resistant to soil chemicals and saline solutions
- Resistant to freeze–thaw cycles.

**Technical Data**

Structure of Material	Component A	Special cement, mineral fillers, polymer
	Component B	Liquid polymer dispersion
Density		1.95 kg/lt
Color		Grey
Adhesion Strength	EN 1542	≥0.8 N/mm <sup>2</sup>
Water Vapor Permeability	EN 7783-1	S <sub>D</sub> < 5 m
Capillary Water Absorption	EN 1062-3	W < 0.1 kg/(m <sup>2</sup> ·h <sup>0.5</sup> )
Application Surface Temperature		+5°C/+25°C
Service Temperature		-20°C/+80°C
Pot Life (Fresh Mixture)		45 minutes
Ready for Use	Mechanical Strength	2 days
	Water impermeable	7 days
Recoating Time	Plaster or Ceramic	3 days

*The above values are given for a temperature of +23°C and 50% relative humidity. Higher temperatures shorten, while lower temperatures extend the curing and setting times.*



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

## Application Procedure

### Surface Preparation

The substrate must be sound, clean, and free from oil, grease, rust, paraffin, paint, bitumen residues, or any material that may impair adhesion. All loose particles must be removed. Metal and wooden wedges must be extracted, and any active water leakages must be sealed with **FOX PLUG FC340**. Voids, uneven surfaces, and corners should be repaired with **FOX MORTAR FC188 T** repair mortar, forming a minimum radius of 4 cm.

Before application, the surface should be pre-dampened with clean water, avoiding any standing water. If the coating loses its gloss immediately and appears matte during application, this indicates that the substrate was insufficiently moistened or is drying too quickly.

### Mixing

Pour half of **FOX MULTISEAL® STANDART Component B** into a clean mixing container. Add **5.0–5.5 liters of water**. Gradually add **FOX MULTISEAL® STANDART Component A** while mixing with a low-speed (400–600 rpm) electric mixer and suitable paddle for 3–5 minutes until a smooth, paste-like consistency is achieved. Allow the mixture to rest for 2 minutes, then add the remaining **Component B** and mix for another 1–2 minutes until a homogeneous mixture is obtained.

### Mixing Ratios

25 kg of **FOX MULTISEAL® STANDART** component A  
2 kg of **FOX MULTISEAL® STANDART** component B.  
is mixed with 5-5.5 liter water.

### Application

The prepared **FOX MULTISEAL® STANDART** mixture should be applied in **two or three coats** using a suitable waterproofing brush. Each coat should be applied in a direction perpendicular to the previous one. The waiting time between coats depends on ambient conditions. In corner and edge areas, use **FOX MULTISEAL® FS488** together with uncoated raw fiberglass mesh **FOX PROMAT 135 Non-Woven Fabric** or **FOX TRIPLETAPE 120** sealing tape.

### Cleaning of Tools

Tools and equipment should be cleaned immediately after application with water. Once cured, **FOX MULTISEAL® STANDART** can only be removed mechanically.

### Coverage

Primer; 1.30 kg/m<sup>2</sup>  
1<sup>st</sup> Coat; 1.20 kg/m<sup>2</sup>  
2<sup>nd</sup> Coat; 1.20 kg/m<sup>2</sup>

### Watch Points

- When applying **FOX MULTISEAL® STANDART**, if the ambient or substrate temperature is below +5°C or above +25°C, application must be postponed until suitable temperatures are reached. Application should not be carried out under excessively hot, rainy, or windy conditions. At +23°C, **FOX MULTISEAL® STANDART** achieves mechanical strength after 2 days, can be overcoated after 3 days, becomes waterproof after 7 days, and reaches its final strength after 28 days.
- For exterior applications, the coated surface must be protected from direct sunlight, wind, rain, and frost for the first 24 hours. The working and reaction times of cement- and acrylic-based systems are influenced by ambient and substrate temperatures as well as relative humidity. At lower temperatures, the reaction slows down, extending the pot life and working time. At higher temperatures, the reaction accelerates, consequently reducing the times mentioned above.
- To ensure proper curing of the material, both ambient and substrate temperatures must not fall below the specified minimum limits.
- The wet film thickness during application must not exceed **1.30 mm per coat**. Areas subject to foot traffic should be covered with a screed modified with **FOX BINDER FM125**.
- For the installation of ceramic tiles, marble, or similar coverings, the use of **INNO-FIX series ceramic adhesives** is recommended.

### Package

27 kg Set  
Component A: 25 kg polyethylene-reinforced kraft bag  
Component B: 2 kg tin can



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 Eğin-Diyarbakır/TÜRKİYE  
Web : www.foxbau.com E-mail : info@foxbau.com

### Shelf Life

When stored properly at room temperature between +5°C and +30°C, away from direct sunlight, the shelf life is 12 months from the date of manufacture. **FOX MULTISEAL® STANDART** Component B freezes at temperatures below 0°C. Opened packages must be tightly sealed, kept under appropriate storage conditions, and used within one week.

### Storage

It must be stored in its unopened original packaging, in a cool, dry place protected from frost, humidity, and any contact with water. For short-term storage, a maximum of 3 pallets may be stacked on top of each other, and the first-in, first-out (FIFO) principle should be applied during shipment. For long-term storage, pallets must not be stacked.

### Safety Precautions

It is dangerous to approach storage and application areas with fire. These areas must be properly ventilated. During application, appropriate work clothing, protective gloves, goggles, and masks must be worn in accordance with occupational health and safety regulations. Avoid contact with skin and eyes during storage and application; in case of contact, wash immediately with plenty of water and soap. If swallowed, seek medical advice immediately. Food and beverages must not be brought into application areas. Store out of the reach of children.

For detailed information, refer to the Material Safety Data Sheet (MSDS).

### Disclaimer

The data contained in this technical document are based on our scientific and practical knowledge. FOX BAU YAPI KİMYASALLARI A.Ş. is only responsible for the quality of the product itself. The company cannot be held liable for any consequences arising from applications or uses other than the written recommendations provided, and/or from improper use. For further details, please refer to the Safety Data Sheet and Technical Data Sheet or contact our authorized representatives.



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