

INNO-DECO

FOX BETONAGE® FC

Acrylic-Based, Ready-to-Use, Final Coat Microconcrete Coating Material

Description

FOX BETONAGE® FC is an acrylic-based, fine-textured, ready-to-use decorative microconcrete coating material, suitable for unique surfaces and designed for multilayer applications on floors and walls.

Fields of Application

- Stores and showrooms,
- Offices,
- Hotels, restaurants, and cafés,
- Residential areas,
- Shopping malls,
- Museums and galleries.

Advantages

- Suitable for indoor and outdoor use.
- Provides a continuous and seamless appearance.
- Applicable on almost any surface and object.
- UV-resistant.
- Impermeable to water.
- Available in different color options.

Technical Properties

Material Structure		Acrylic, mineral fillers, polymer additives
Density		1,70±0,05 g/cm ³
Color		White, Colored
Adhesion Strength	EN 1542	≥1,5 N/mm ²
Thermal Conductivity	DIN 4108	0,70 W/(m*K)
Grain Size	EN 1015-1	≤1,2
Water Vapor Permeability	EN ISO 7783	V ₂
Capillary Water Absorption and Water Permeability	EN 1062-3	w<0,1 kg/m ² . h ^{0,5}
Application Substrate Temperature		+5°C /+30°C
Working Time		45-60 Minutes
Drying Time		4 – 6 Hour
Reaction to Fire	EN 13501-1	A2-s1,d0

The above values are given for +23°C and 50% relative humidity. Higher temperatures shorten the working time; lower temperatures extend it.

Application Procedure

Surface Preparation

Concrete substrates must be prepared using abrasive equipment (shot blasting, milling, diamond grinding, etc.) to remove cement laitance and create an open-pored surface. Weak concrete areas must be removed, and small voids and holes must be fully opened. Dust must be cleaned using an industrial vacuum cleaner.

Mixing

The material should be thoroughly mixed before application until a homogeneous consistency is achieved.

Application

Priming of Horizontal/Vertical Surfaces

FOX BETONAGE® FC is applied onto surfaces coated with **FOX BETONAGE® BC/MC**. Therefore, the substrate preparation procedure of **FOX BETONAGE® BC/MC** is valid for **FOX BETONAGE® FC**.



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

Coating

Mix the ready-to-use product for approximately 1 minute. Add **FOX DOMINO COLOR WB AC** at 1% of the total weight and mix until the color becomes fully homogeneous. Lightly moisten the application surface (especially in hot weather). Pour the homogeneous mixture onto the surface and distribute it using a suitable trowel. After drying, sand the surface with 120-grit mesh abrasive. After sanding, clean the surface with an industrial vacuum cleaner and wipe it with a damp cloth.

Apply **FOX PURATHANE® TOPCOAT WB**, transparent matte, as a finishing coat if desired.

Cleaning of Tools

All tools and equipment used during the application must be cleaned with water before the material cures.

Consumption

1st Layer: 0.30–0.40 kg/m² **FOX BETONAGE® FC**

2nd Layer: 0.30–0.40 kg/m² **FOX BETONAGE® FC**

The consumption values provided are average values. Actual consumption may vary depending on ambient conditions, substrate type, and substrate absorbency

Watch Points

- During the application of **FOX BETONAGE® FC**, substrate and ambient temperatures must not be below +5°C or above +30°C. Application should not be carried out in extremely hot, rainy, or windy weather conditions.
- For outdoor applications, the surface must be protected from sunlight, rain, wind, and frost for the first 24 hours.
- High temperatures accelerate hydration and shorten the working time; low temperatures slow hydration and extend the working time. During curing, the substrate and ambient temperatures must not fall below the minimum permitted limits.

Packaging

3,5 kg Bucket

15 kg Bucket

Shelf Life

When stored at room temperature between +5°C and +30°C, protected from direct sunlight, the shelf life is 12 months from the production date. Opened containers must be tightly sealed and used within one week.

Storage

Store in unopened original packaging, in a cool, dry environment, protected from frost.

VOC Content

The EU limit value for this product type (Category IIA/I – WB type) is max. 200 g/L (2010). This product contains <200 g/L VOC

Safety Precautions

Approaching storage and application areas with open flame is hazardous. Storage and application areas must be ventilated. During application, protective clothing, gloves, goggles, and masks must be used in accordance with occupational safety regulations. Avoid contact with skin and eyes; in case of contact, rinse immediately with plenty of water and soap. If swallowed, seek medical attention immediately. Food and beverages must not be brought into the application area. Store out of reach of children. Refer to the Safety Data Sheet (SDS) for detailed information.

Disclaimer

The information contained in this technical document is based on our scientific and practical knowledge. Fox Bau Yapı Kimyasalları A.Ş. is responsible only for the quality of the product. The company cannot be held responsible for any results arising from applications outside written recommendations and/or incorrect usage. Consult the safety data sheet and technical data sheet or contact our authorized representatives for further information.



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