

## INNO-DECO

# FOX BETONAGE® HP

## Acrylic-Based, Ready-to-Use, Microconcrete Coating Material

### Description

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

### Fields of Application

- Indoors and outdoors, on wall and floor surfaces,
- Stores and showrooms,
- Offices,
- Hotels, restaurants, and cafés,
- Residential areas,
- Shopping malls,
- Museums and galleries.

### Advantages

- Provides a continuous and seamless appearance.
- Applicable on almost all surfaces and objects.
- UV-resistant.
- Impermeable to water.
- High resistance to scratching and abrasion.
- Available in various color options.

### Technical Properties

Material Structure		Acrylic, mineral fillers, polymer additives
Density		1,65±0,05 g/cm <sup>3</sup>
Color		White, Colored
Adhesion Strength	EN 1542	≥1,5 N/mm <sup>2</sup>
Thermal Conductivity	DIN 4108	0,70 W/(m*K)
Grain Size	EN 1015-1	≤1,2
Water Vapor Permeability	EN ISO 7783	V <sub>2</sub>
Capillary Water Absorption and Permeability	EN 1062-3	w<0,1 kg/m <sup>2</sup> .h <sup>0,5</sup>
Application Substrate Temperature		+5°C /+30°C
Working Time		45-60 Minutes
Drying Time		4 - 6 Hours
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 reaction time, lower temperatures extend it.

### Application Procedure

#### Surface Preparation

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

#### Mixing

The material must be thoroughly mixed before application until a homogeneous consistency is obtained.

#### Application

##### Priming of Horizontal/Vertical Surfaces

To increase adhesion, reduce air bubble formation, and prevent absorption of the liquid component by the substrate, the surface must be primed before the application of **FOX BETONAGE® HP**.

**FOX PRIMERA® FL220** is poured onto the cleaned and prepared substrate. The material is applied evenly using a brush or roller. The application rate should be adjusted according to the substrate condition. On substrates with high adhesion risk, the consumption must be increased. Ponding must be avoided. **FOX DECOPRIMER FL204** is then applied. **FOX DECOPRIMER FL204** is applied using a suitable roller. To determine whether the surface is ready for coating, a masking tape test is performed after approximately 4 hours. If **FOX DECOPRIMER FL204** has properly conditioned the surface, no dust should appear on the tape when removed.



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## Coating

Mix the ready-to-use product for approximately 1 minute. Add **FOX DOMINO COLOR WB AC** at 1% of the total product weight and mix until color becomes fully homogeneous. Moisten the application surface. Pour the homogeneous mixture onto the surface and distribute it using a suitable trowel. Once dry, sand the surface using 80-grit mesh abrasive. After sanding, clean the surface with an industrial vacuum cleaner and wipe with a damp cloth. Optionally, a final coat of **FOX PURATHANE® TOPCOAT WB**, transparent matte, may be applied.

## Cleaning of Tools

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

## Consumption

1st Layer: 0.5–0.7 kg/m<sup>2</sup> **FOX BETONAGE® HP**

2nd Layer: 0.5–0.7 kg/m<sup>2</sup> **FOX BETONAGE® HP**

The consumption values provided are average values. Actual consumption may vary depending on ambient conditions, the surface being applied, and substrate absorbency.

## Watch Points

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

## Packaging

7 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 packages must be tightly closed and used within one week.

## Storage

Store in unopened original packaging, in a cool and dry place, 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

It is dangerous to approach storage and application areas with open flame. These areas must be ventilated. During application, appropriate workwear, protective 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 assistance immediately. Keep food and beverages out of the application area. Store out of reach of children.

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

## Disclaimer

The data 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 results arising from incorrect use or applications outside the written recommendations. For detailed information, refer to the safety data sheet and technical data sheet or contact our authorized representatives.



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