

MicroTopp BC



TYPE OF PRODUCT

MicroTopp BC is a two-component polymer-cement mortar suitable for indoor and outdoor application. Once mixed, the obtained product can create a coating of 1-3 mm, with high mechanical strength and strong adhesion to any type of substrates: concrete, cement-based mortars, ceramic, MDF, plaster, drywall etc.

APPLICATION AREA

MicroTopp BC is used:

- for protection of new and renovation of old floors, walls and other surfaces.
- for surface preparation before application of MicroTopp FC decorative cement.

SURFACE PREPARATION

Substrate must be clean, free from dust, oil and grease. Weak areas, voids cement laitance must be removed back to a sound substrate. Remove dust and impurities by using the appropriate vacuum cleaner. Substrate quality: compressive strength: min. 25 N/mm², bond strength (pull-off test): min. 1,5 N/mm², substrate moisture: max. 4%. Prime the substrate with MicroTopp Grund (see product data sheets for application details). Prime poorly prepared floor surfaces as well as those exposed to heavy load with Floor expert EP 101 primer broadcasted with quartz sand 0.1-0.5 mm until saturation (see product data sheets for application details).

MIXING

Mix component A well by hand before use. When mixing, be sure to stir the material well at the bottom of the container, so that the pigment is completely homogenized.

Mix component A (liquid) with component B (powder) with a mixer at low rotation level until a homogeneous mixture is achieved (3-4 minutes).

Pot life of the mixed mixture: approx. 5 hours.

Mixing ratio: Comp.A : Comp.B = 30 : 100.

APPLICATION OF MICROTOPP SYSTEM

1. Apply one or two layers of MicroTopp BC with a metal steel trowel, depending on the type of substrate. On floor always apply two layers. Before application of the second layer, sand the first layer with abrasive paper 80/120 and remove dust. Apply the second layer 8-12 hours after applying the first layer.
2. Continue further surface preparation with the MicroTopp FC decorative cement. Apply one layer of MicroTopp FC with a metal steel trowel 12 hours after applying MicroTopp BC. Before application of the MicroTopp FC sand the layer of the MicroTopp BC with abrasive paper 120/150 and remove dust.

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3. Continue with the work at least 12 hours after applying MicroTopp FC decorative cement. Sand the MicroTopp FC with abrasive paper 150/180 and remove dust. As a primer, use diluted PU 300W (with 5% of water). After 4 hours, apply the second coat of water-based transparent top coat PU 300W. Apply the final layer of transparent PU 400W coating 12-24 hours after applying the second layer of PU 300W coating.

Maximum thickness per layer: 1 mm.

Recommended total thickness of MicroTopp BC and FC layers: 3 mm.

Ensure fresh air supply during the drying of MicroTopp BC.

Protect curing MicroTopp BC layers from high ambient temperatures, direct sunlight and draught.

Do not apply in rooms with high humidity.

Note: Times of curing are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.

Best applied at the temperature between +5°C and + 30°C and a relative humidity below 75%.

We recommend to make a test field.

CLEANING

Clean all tools and application equipment with water immediately after use. Hardened and/or cured material can only be removed mechanically.

SPREADING RATE

Approx. 1,0 kg/m² per layer.

PACKAGING

Component A: plastic container á 3 kg and 6 kg.

Component B: bag od á 10 kg and 20 kg.

STORAGE

In dry and good ventilated space at temperatures from +5°C to+30°C.

Shelf life: 12 months. Keep from freezing and direct sun light.

COLORS AVAILABLE

MicroTopp BC is produced in white shade. It can be tinted on Chromomix and HGmix machines and available in 45 standard shades according to the MicroTopp color chart.

DISPOSAL

Empty packaging completely and dispose of in accordance with regulations. For the disposal of product residues, waste water and containers with adherent product residues please follow the local governmental regulations.

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