

MicroTopp

NEW



INNOVATIVE MATERIAL FOR THE PROTECTION
AND RENOVATION OF ALL SURFACES

NEW PROTECTION SYSTEM



Chromos paints and varnishes launched MicroTopp, an innovative material for the protection and renovation of floors, walls and other surfaces. The MicroTopp protection system is the ideal solution for new spaces, giving them a minimal, modern and continuous look, as well as for renovating existing surfaces. One of the advantages of this protection system is the possibility of application without limitations imposed by joints, i.e. the concept of rooms without joints - seamless walls or floors. However, they are not only visually impressive, they are practical and simple in many ways and create surfaces that are scratch-resistant, durable and easy to clean.

MicroTopp protection system personalizes any surface by choosing different shades, different effects and different degrees of gloss of the finishing varnish, creating the look you want in just a few days. Each application is unique and handcrafted by a professional team of contractors.

MicroTopp is based on a specific mixture ratio of liquid polymer and cement, which makes it a more environmentally friendly solution compared to conventional systems.

A durable, robust surface that is easy to maintain - a damp microfibre cloth and a neutral cleaner is all it takes to get the surface clean again.

MicroTopp protection system consists of several products used by trained professionals.

- MicroTopp grund
- MicroTopp BC microcement base coat
- MicroTopp FC decorative microcement
- MicroTopp PU 300W finishing top coat
- MicroTopp PU 400W finishing top coat



MicroTopp Grund

- base coat based on synthetic resin, with mineral fillers.
- On mineral substrates and old ceramic tiles
- Excellent adhesion on porous and vitreous substrates
- Prevents loss of water into the substrate
- Ready to use, it does not dilute
- Easy to use with roller



MicroTopp BC

- two-component polymer-cement mortar



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



MicroTopp FC

- two-component polymer-cement mortar



- For protection of new and renovation of old floors, walls and other surfaces
- For surface preparation before application of MicroTopp finishing coat



MicroTopp PU 300W (matte/semigloss)

- Two-component waterborne transparent top-coat based on polyurethane resin
- Resistance to the influence of water and standard chemicals
- Increased wear and scratch resistance
- Easy maintenance of the floor



MicroTopp PU 400W (matt)

- Two-component waterborne matt transparent top-coat based on polyurethane resin
- Matt surface appearance
- Resistance to the influence of water and standard chemicals
- Increased wear and scratch resistance
- Easy maintenance of the floor
- Does not leave tire marks

- MicroTopp is available in natural white shade.
- It is tinted on Chromomix and HGMix machines and it is available in 45 standard shades according to the MicroTopp tone chart.
- Because of the final coating, it can change the effect and intensity of the final shade - semigloss or matte.

MicroTopp Grund

Key coat based on synthetic resin and mineral fillers.



APPLICATION AREA

Particularly for use as primer for MicroTopp decorative masses.

On mineral substrates, cementitious coatings and old ceramic tiles.

PROPERTIES

- Excellent adhesion on porous and vitreous substrates
- Prevents loss of water into the substrate
- Increases durability
- Ready to use
- Easy to use

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.

APPLICATION

Stir the MicroTopp grund just before use. Apply one layer, undiluted MicroTopp Grund uniformly to the substrate using a roller or brush, ensuring that a continuous layer is achieved over the entire surface.

CLEANING

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

DRYING

Min 6-12 hours, at 23 °C i 50% R.H.

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

MASS DENSITY

1530 kg/m³

SOLID CONTENT

69-72 %

VISKOSITY

3 500-5 500 mPas (RVT ISO 2555)

APPLICATION TEMPERATURE

From +5 °C to +30 °C.

CONSUMPTION

Approx. 0,2-0,3 kg/m² depends on the porosity and absorption of the surface.

PACKAGING

Plastic container à 5 kg and 20 kg.

STORAGE

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

Shelf life: 24 months. Keep from freezing and direct sun light.

INSTRUCTIONS FOR USE



For use on interior and exterior walls



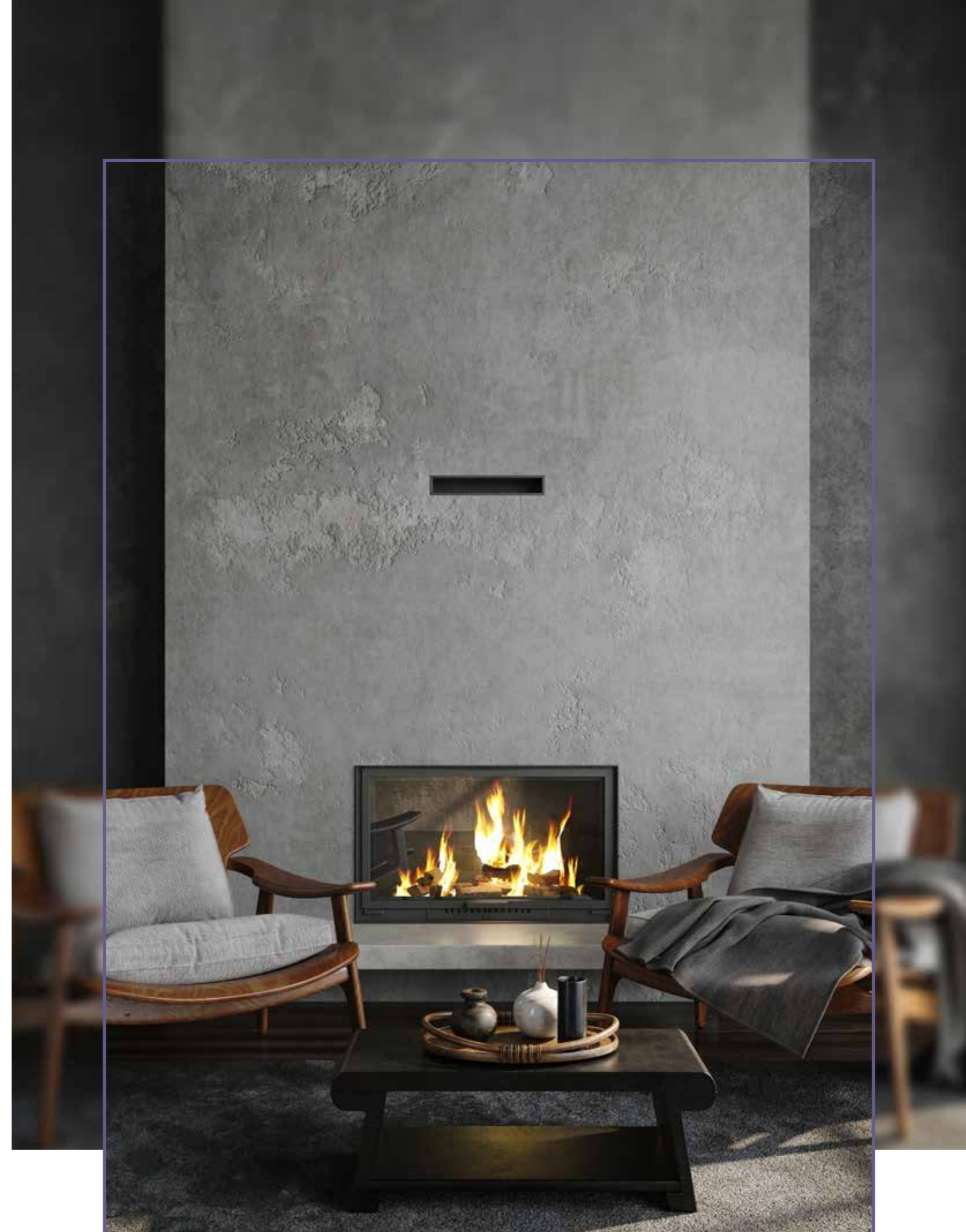
For use on interior and exterior floors



Apply once with a roller



Do not dilute



MicroTopp BC - microcement base coat

MicroTopp BC is a two-component polymer-cement mortar suitable for indoor and outdoor application. It can be applied 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. Prime the substrate with MicroTopp Grund (see product data sheet for application details).

PREPARATION OF THE MIX

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).

Mixing ratio:

Component A : Component B = 30 : 100.

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

APPLICATION OF THE 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 6-12 hours after applying the first one.
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 80/120 and remove dust.

3. Continue with the work at least 12 hours after applying MicroTopp FC decorative cement. Sand the MicroTopp FC with abrasive paper 220/250 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. After 12-24 hours, finish the MicroTopp system with one coat of transparent MicroTopp PU 400W 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 %.

CLEANING

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

CONSUMPTION

Approx. 1,0 kg/m² per layer.

PACKAGING

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

AVAILABLE SHADES

MicroTopp BC is available in a white shade. Other shades on request.

INSTRUCTIONS FOR USE



For use on interior and exterior walls



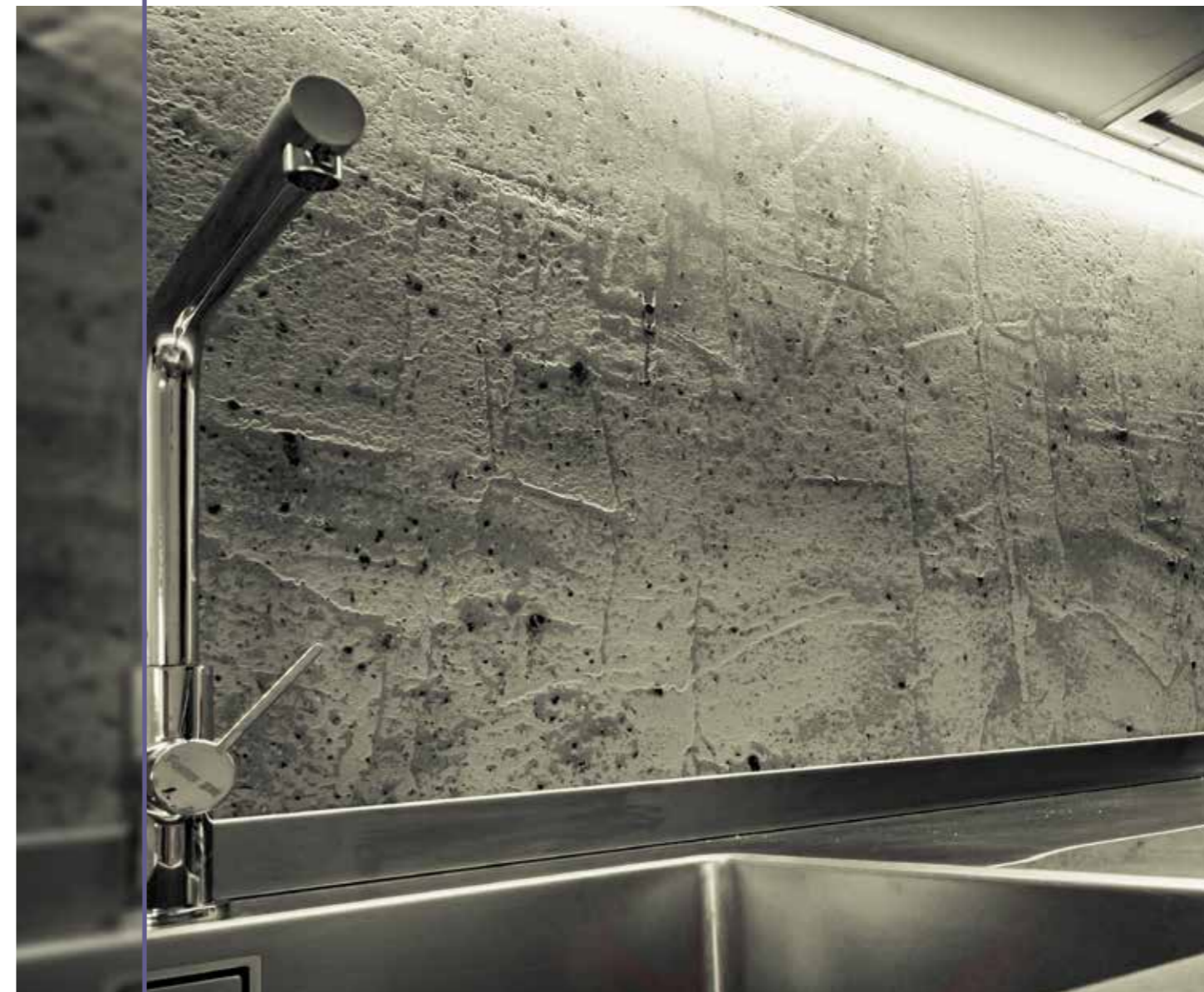
For use on interior and exterior floors



2X apply with a metal trowel



Do not dilute



MicroTopp FC - dekorative microcement

MicroTopp FC is a two-component polymer-cement mortar suitable for indoor and outdoor application. It can be applied to any type of substrates: concrete, cement-based mortars, ceramic, MDF, plaster, drywall etc.



APPLICATION AREA

MicroTopp FC is used:

- for protection of new and renovation of old floors, walls and other surfaces
- for surface preparation before application of MicroTopp finishing top coat

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. Prime the substrate with MicroTopp Grund (see product data sheet for application details).

PREPARATION OF THE MIX

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).

Mixing ratio:

Component A : Component B = 30 : 100.

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

APPLICATION OF THE 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 6-12 hours after applying the first one.
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 80/120 and remove dust.

3. Continue with the work at least 12 hours after applying MicroTopp FC decorative cement. Sand the MicroTopp FC with abrasive paper 220/250 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. After 12-24 hours, finish the MicroTopp system with one coat of transparent MicroTopp PU 400W 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 FC.

Protect curing MicroTopp FC 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 %.

CLEANING

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

CONSUMPTION

Approx. 0,6 kg/m² per layer.

PACKAGING

Component A: plastic container á 1,5 kg and 3 kg.
Component B: bag á 5 kg and 10 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.

AVAILABLE SHADES

MicroTopp FC is available in a white shade. It is tinted on Chromomix and HGmix machines and it is available in 45 standard shades according to the MicroTopp tone chart.

INSTRUCTIONS FOR USE



For use on interior and exterior walls



For use on interior and exterior floors



1X apply with a metal trowel



Do not dilute

MicroTopp PU 300W finishing top coat



Two-component waterborne transparent top-coat based on polyurethane resin.

APPLICATION AREA

MicroTopp PU 300W is used as:

- Transparent seal coat on MicroTopp flooring system
- In order to achieve a matte/semiglossy surface and additional protection against damage caused by mechanical and chemical influences.

PROPERTIES

- Matt/semigloss surface appearance
- Resistance to the influence of water and standard chemicals
- Increased wear and scratch resistance
- Easy maintenance of the floor

TECHNICAL DATA

- Mixing ratio (by mass)/matt:
Component A : Component B - 90,9 : 9,1 (100 : 10)
- Mixing ratio (by mass)/semigloss:
Component A : Component B - 91,7 : 8,3 (100 : 10)
- Solid content: 35,7 %
- Pot life:
6 h, under standard conditions
- Drying/hardening time under standard conditions:
 - dust dry: after approx. 45 minutes
 - foot traffic: after approx. 24 hours
 - fully hardened: after 3 days

MATERIAL PREPARATION

Stir the component A. Then add component B into component A and mix thoroughly, manually or with a mixer with a low speed (max. 400 r / min) until a homogeneous mixture. Leave the mixture to stay for the 15 minutes. Then pour the mixture into another container and mix again. The mixture should be used within 6 hours.

APPLICATION METHOD

Uniformly spread MicroTopp PU 300W by using a short pile microfiber roller. Apply the material crosswise and uniformly in a thin layer. Connected surfaces should be worked "wet on wet" to avoid visible over-lapping areas.

APPLICATION OF THE 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 6-12 hours after applying the first one.
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 80/120 and remove dust.
3. Continue with the work at least 12 hours after applying MicroTopp FC decorative cement. Sand the MicroTopp FC with abrasive paper 220/250 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. After 12-24 hours, finish the MicroTopp system with one coat of transparent MicroTopp PU 400W coating.



APPLICATION CONDITIONS

Substrate and air temperature:
min. +10 °C; max. +30 °C.

Relative air humidity:
max. 75 %, with adequate ventilation.

There must be no condensation. Pay attention to the dew point.

CLEANING

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

CONSUMPTION

0,20 kg/m² - primer
0,08 - 0,12 kg/m² per layer - top coat.

PACKAGING (matt)

Component A: 4,54 kg and 13,63 kg
Component B: 0,46 kg and 1,37 kg

PACKAGING (semigloss)

Component A: 4,59 kg and 13,76 kg
Component B: 0,41 kg and 1,24 kg

STORAGE

In dry and good ventilated space at temperatures from +5°C to +35°C.

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

INSTRUCTIONS FOR USE



For use on interior and exterior walls



For use on interior and exterior floors



2X apply with a roller



Do not dilute

MicroTopp PU 400W matt finishing top coat

Two-component waterborne transparent top-coat based on polyurethane resin.



APPLICATION AREA

MicroTopp PU 400W se koristi kao:

- Transparent seal coat on MicroTopp flooring system
- In order to achieve a matte/semiglossy surface and additional protection against damage caused by mechanical and chemical influences.

PROPERTIES

- Matt/semigloss surface appearance
- Resistance to the influence of water and standard chemicals
- Increased wear and scratch resistance
- Easy maintenance of the floor
- Does not leave tire marks

TECHNICAL DATA

- Mixing ratio (by mass)/matt:
Component A : Component B -
84,8 : 15,2 (100 : 18)
- Solid content: 44,9 %
- Pot life:
6 h, under standard conditions
- Drying/hardening time under standard conditions:
 - dust dry: after approx. 45 minutes
 - foot traffic: after approx. 24 hours
 - fully hardened: after 3 days

MATERIAL PREPARATION

Stir the component A. Then add component B into component A and mix thoroughly, manually or with a mixer with a low speed (max. 400 r / min) until a homogeneous mixture. Leave the mixture to stay for the 15 minutes. Then pour the mixture into another container and mix again. The mixture should be used within 6 hours.

APPLICATION METHOD

Uniformly spread MicroTopp PU 400W by using a short pile microfiber roller. Apply the material crosswise and uniformly in a thin layer. Connected surfaces should be worked "wet on wet" to avoid visible over-lapping areas.

APPLICATION OF THE 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 6-12 hours after applying the first one.
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 80/120 and remove dust.
3. Continue with the work at least 12 hours after applying MicroTopp FC decorative cement. Sand the MicroTopp FC with abrasive paper 220/250 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. After 12-24 hours, finish the MicroTopp system with one coat of transparent MicroTopp PU 400W coating.

APPLICATION CONDITIONS

Substrate and air temperature:
min. +10 °C; max. +30 °C.

Relative air humidity:
max. 75 %, with adequate ventilation.

There must be no condensation. Pay attention to the dew point.

CLEANING

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

CONSUMPTION

0,08 – 0,12 kg/m² per layer

PACKAGING

Component A: 1,7 kg and 4,24 kg
Component B: 0,3 kg and 0,76 kg

STORAGE

In dry and good ventilated space at temperatures from +5°C to +35°C.

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

INSTRUCTIONS FOR USE



For use on interior and exterior walls



For use on interior and exterior floors



1X apply with a roller



Do not dilute





MicroTopp TONE CHART.

100-10	100-20	100-30	100-40	100-50
200-10	200-20	200-30	200-40	200-50
300-10	300-20	300-30	300-40	300-50
400-10	400-20	400-30	400-40	400-50
500-10	500-20	500-30	500-40	500-50
600-10	600-20	600-30	600-40	600-50
700-10	700-20	700-30	700-40	700-50
800-10	800-20	800-30	800-40	800-50
900-10	900-20	900-30	900-40	900-50



Note: Shades shown in colour card may deviate from the actual shade appearance



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