



## INSTRUCTION FOR APPLICATION

### CONTENTS:

- MICRO CEM FINE 40** - dry mixture in a plastic bag (8 kg)  
- binding resin in a bucket (2.8 kg)
- PRIMER HARD TOP** - two-component sealing primer (0.75 kg + 0.25 kg)  
**HARD TOP PU** - two-component polyurethane covering (0.9 kg + 0.3 kg)

### PURPOSE:

A multi-component product, part of the high-tech system **MICRO CEM**, designed for wall, floor and ceiling decoration. The **FINE 40** is the finest of the microcements series and its used as final covering of the system.

### APPLICATION:

The application of **MICRO CEM FINE 40** should start after the complete drying of the **MICRO CEM MEDIUM 35**. The base should be clean, dry and free of dust, without any additional priming.

The amount of resin should be stirred very well in advance until the mixture is homogenized and a uniform color is obtained. After that the material should be divided in into two equal parts in order to avoid different shades, when applying both layers of **MICRO CEM FINE 40**.

Preparing the mixture should start by gradually adding the dry component to the liquid component, in ratio 4 kg : 1.4 kg (dry : resin), and mixing with a mechanical stirrer until a homogeneous mass is achieved. The fresh mixture should stand for about 5 minutes and then must be stirred again before the application begins.

**MICRO CEM FINE 40** should be applied with stainless tools in two consecutive layers, with up to 1 mm thickness each. During the application the material should be well smoothed. With changing the pressure and the technics of applying, different decorative effects can be achieved.

The prepared mixture should be applied within 1 hour.

After the complete drying of the second layer of **MICRO CEM FINE 40**, the two-component **PRIMER HARD TOP** should be applied. The primer is applied in one layer within 1 hour, with component ratio 0.75 kg : 0.25 kg (base : hardener). The main purpose of the product is to seal the **MICRO CEM** system and to create smooth non-water absorbing surface for the final coating to be applied. If necessary, after the primer has completely dried, the surface can be partially smoothed with a fine sandpaper to remove any unwanted residuals and irregularities.

The final coating is the highly wear-resistant two-component polyurethane material **HARD TOP PU**, in two variants – gloss and matt. The material should be divided in advance into two equal parts, so that the covering can be applied in two layers, with at least 24 hours pause between them. **HARD TOP PU** components should be mixed in ratio 0.9 kg : 0.3 kg (base : hardener) and applied within 1 hour.

### NOTES:

Recommended work temperature +5°C to 25°C.

Do not mix with other materials.

Do not apply under direct sunlight or strong air flows.

### CONSUMPTION:

One package of **MICRO CEM FINE 40** (8 + 2.8 kg) is sufficient to cover around 8 -10 m<sup>2</sup>, depending of the thickness of applying.

Observe the components mixing proportions when working on areas smaller than 8 m<sup>2</sup>.

### STORAGE:

12 months into the originally sealed packages, in a dry and ventilated place, without the danger of freezing and direct sunlight. It is recommended to be stored on pallets.

# terazid

# MICROCEM

## fine 40

### MICROCEM FINE 40

#### Dry component (8 kg)



Does not contain soluble Cr (VI) into a quantity greater than 0,0002 % within the period of storage.

##### Hazard statements: (H-codes)

**H315** – Causes skin irritation.  
**H318** – Causes serious eye damage.  
**H335** – May cause respiratory irritation.

##### Precautionary statements: (P-codes)

**P101** – If medical advice is needed, have product container or label at hand.  
**P102** – Keep out of reach of children.  
**P280** – Wear protective gloves/protective clothing/eye protection/face protection.  
**P302 + P352** – IF ON SKIN: Wash with plenty of water.  
**P332 + P313** – If skin irritation occurs: Get medical advice/attention.  
**P305 + P351 + P315** – IF IN EYES: Rinse cautiously with water for several minutes. Get immediate medical advice/attention.



**Danger!**

#### Liquid component - resin (2.8 kg)

##### Precautionary statements: (P-codes)

**P101** – If medical advice is needed, have product container or label at hand.  
**P102** – Keep out of reach of children.  
**P262** – Do not get in eyes, on skin, or on clothing.  
**P280** – Wear protective gloves/protective clothing/eye protection/face protection.  
**P301 + P311** – IF SWALLOWED: Call a POISON CENTER/doctor.  
**P305 + P351 + P313** – IF IN EYES: Rinse cautiously with water for several minutes. Get medical advice/attention.

### PRIMER HARD TOP

#### Primer 1 – base (0,750 kg)

##### Precautionary statements: (P-codes)

**P103** – Read label before use.  
**P201** – Obtain special instructions before use.  
**P262** – Do not get in eyes, on skin, or on clothing.  
**P273** – Avoid release to the environment.  
**P280** – Wear protective gloves/protective clothing/eye protection/face protection.  
**P302 + P352** – IF ON SKIN: Wash with plenty of water.  
**P305+P351+P338** – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



**Danger!**

#### Primer 2 – hardener (0,250 kg)

##### Hazard statements: (H-codes)

**H302** – Harmful if swallowed.  
**H314** – Causes severe skin burns and eye damage.  
**H317** – May cause an allergic skin reaction.  
**H412** – Harmful to aquatic life with long lasting effects.

##### Precautionary statements: (P-codes)

**P260** – Do not breathe dust/fume/gas/mist/vapours/spray.  
**P273** – Avoid release to the environment.  
**P280** – Wear protective gloves/protective clothing/eye protection/face protection.  
**P303+P361+P353** – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
**P304+P340** – IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
**P305+P351+P338** – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### HARD TOP PU

#### PU 1 - base (0,900 kg)

##### Precautionary statements: (P-codes)

**P103** – Read label before use.  
**P201** – Obtain special instructions before use.  
**P262** – Do not get in eyes, on skin, or on clothing.  
**P273** – Avoid release to the environment.  
**P280** – Wear protective gloves/protective clothing/eye protection/face protection.  
**P302 + P352** – IF ON SKIN: Wash with plenty of water.  
**P305+P351+P338** – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



**Warning!**

#### PU 2 - hardener (0,300 kg)

##### Hazard statements: (H-codes)

**H317** – May cause an allergic skin reaction.  
**H332** – Harmful if inhaled.  
**H335** – May cause respiratory irritation.  
**H412** – Harmful to aquatic life with long lasting effects.

##### Precautionary statements: (P-codes)

**P261** – Avoid breathing dust/fume/gas/mist/vapours/spray.  
**P271** – Use only outdoors or in a well-ventilated area.  
**P273** – Avoid release to the environment.  
**P280** – Wear protective gloves/protective clothing/eye protection/face protection.  
**P302 + P352** – IF ON SKIN: Wash with plenty of water.  
**P304+P340** – IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
**P333+P313** – If skin irritation or rash occurs: Get medical advice/attention.