

## ONEPOX POOL

### EPOXY MICROCEMENT FOR SWIMMING POOLS

#### Description

High performance epoxy microcement for use as a continuous lining in swimming pools.

#### Properties

- Composite finish with a natural mineral appearance and highly resistant
- Excellent workability and application for the creation of continuous supports.
- High adherence to mineral supports including non-porous supports.
- Very good resistance to chemical agents: acids, bases and chemical agents.
- Very good resistance to abrasion and wear due to transit.
- Presents impermeability superior to conventional microcement systems.
- Recommended for use in interiors where high mechanical performance and a good decorative finish are sought.

#### Technical Data

TOTAL SOLIDS	85 ± 2%
POT LIFE	60 minutes
APPARENT DENSITY	1,5 kg/m <sup>3</sup>
MIXING RATIO	10:0,9
COMPRESSION RESISTANCE	> 76 N/mm <sup>2</sup>
FINISH	Mínimo efecto aguas
TABER WEAR RESISTANCE (CS17, 1000g, 1000c)	> 80 N/mm <sup>2</sup>

## Step by Step

Support preparation:

Concrete support: The concrete must be consolidated, hard and clean. Fill cracks with ONEPOX POOL L. Apply directly on the concrete, without bonding bridge.

Gresite: The mosaic must be adhered and clean. Loose parts must be removed and gaps filled with ONEPOX POOL Base. Pass manual concrete grinder to scratch the tile. Apply directly ONEPOX POOL L, without primer.

Mix A+B (10:1) of ONEPOX POOL L. Homogenize component A with mechanical stirring at low speed and add the accelerator if necessary (low temperatures). To pigment, add the corresponding color toner from the ONEPOX color chart to the mixture. Subsequently add component B and mix again with mechanical stirring.

Apply 2 coats of ONEPOX POOL L by trowel. Wait 8-10 hours between coats.

Tool: Metal trowel

Yield: 1 kg/m<sup>2</sup> for each layer

wait 8-12 hours

Sanded with 40 grit and vacuumed the surface.

Mix A+B (10:1) of ONEPOX POOL S like L.

Apply 2 coats of ONEPOX POOL S by trowel. Wait 8-10 hours between coats.

Tool: Metal trowel

Yield: 0.50 kg/m<sup>2</sup> for each layer.

wait 24 hours

Sanded with 220 grit and vacuumed the surface.

Application of 2 coats of VARNISH DSV water-based aliphatic polyurethane.

Tool: Roller

Yield: 0.5 kg/m<sup>2</sup> for each layer.

NOTE: Drying times are calculated at a temperature of 20°C and a maximum relative humidity of 60%. Adapt times to environmental conditions.

IMPORTANT: Apply the layers with a minimum thickness, and always wait until they dry to proceed with the next step. Promote air flow for optimal drying.

[www.lunik.cc](http://www.lunik.cc)

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## Warnings

- Do not use the product with temperatures below 0°C and above 30°C and humidity above 80%.
- Do not add water or additives to the product without consulting.
- Always apply thin layers to ensure a good curing of the product.
- In exterior applications, avoid rain when the layers have not cured.
- The curing time of the product is 7 days although it is passable after 24 hours.

Special  
Precautions

In case of contact with eyes, rinse with plenty of water for 15 minutes. In case of contact with skin, wash with soap and water. Do not eat. In case of ingestion, do not induce vomiting and seek medical attention immediately. It is recommended to comply with the following measures:

- Good ventilation
- Protective glasses to avoid splashes
- Rubber gloves

Cleaning and  
Storage

Tools must be cleaned with water immediately after use. Once the material has hardened, it can only be removed by mechanical means.

The product must be stored in its original closed container and protected from the elements at temperatures between 10°C and 30°C, in a dry and well-ventilated place, away from sources of heat and direct sunlight. The time of use is 1 year from its date of manufacture, properly preserved.

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