ONEPOX

EPOXY MICROCEMENT

LUNIK
COATING CULTURE

TECHNICAL DATA SHEET

Description

High-performance epoxy microcement for use as a continuous coating on both floors and walls. Especially recommended in areas with high wear and tear such as commercial areas, gallery floors, shops, waiting rooms, corridors, offices. Highly recommended for areas with high pedestrian traffic, where a natural finish with high resistance is sought. It is not recommended for use on underfloor heating.

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/m3
MIXING RATIO	10:0,7
COMPRESSION RESISTANCE	> 76 N/mm²
TABER WEAR RESISTANCE (CS17, 1000g, 1000c)	> 80 N/mm²

Step by step

Support preparation.
All surfaces must be clean, dry, level and consolidated.
Apply the corresponding PREPOX to prepare the suface.
If the substrate is wet, consult with Lunik technical staff.
In tiles and other coatings with joints, it will be necessary to previously cover these joints with ONEROCK and allow it to dry for a minimum of 24 hours before applying the primer.

Mix A+B (10:0.70) of ONEPOX L. Homogenize component A with mechanical stirring at low speed and add the accelerator if necessary (low temperatures). To pigment, add the color toner to the mixture. Subsequently, add component B and mix again with mechanical agitation.
Apply 2 coats of ONEPOX L by trowel.
Tool: Metal trowel

Wait 8-12 hours between coats.
Sanded with 24 or 40 grit of each layer and vacuumed from the surface.

Apply 1 coat of ONEPOX S/M applying some pressure with the trowel.
Tool: Metal trowel

wait 6-8 hours
Sanded with 120 (M) or 220 (S) grit and vacuumed the surface.

Sealing application with a sealing product from LUNIK.
Tool: Roller

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.

Warnings

- Do not use the product with temperatures below 0ºC and above 30ºC and humidity above 80%.
- Close the container correctly after each use.
- Do not add water or additives to the product without consulting.
- Avoid the fall of solid remains in the container in case of successive use 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 10ºC and 30ºC, 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.

The indications and technical data that appear in this brochure are based on our current knowledge and on the most typical uses and applications of the product and are for guidance only, and may be subject to changes and modifications without prior notice. Depending on the commissioning conditions, in which we have no participation, the specific values may suffer certain variations, as well as normal differences in manufacturing tolerances, tests carried out, etc. For this reason, our guarantee is limited solely to the quality of the product supplied.