ONEROCK

READY TO USE MICROCEMENT

LUNIK
COATING CULTURE

TECHNICAL DATA SHEET

Description

Mineral mortar formulated based on acrylic resins, additives and selected minerals to confer high mechanical and chemical performance with low VOC emissions. ONEROCK is a continuous highly decorative coating for professionals: ready to use, flexible, resistant and waterproof. It can be applied on practically any consolidated surface.

Properties

- Continuous coating (always respect expansion joints if any)
- Applicable on almost any type of support: concrete, cement, ceramics, plaster, plasterboard, etc.
- Excellent workability
- High adherence to the support
- Does not yellow over time or by UV
- Applicable indoors and outdoors

Technical Data

	ONEROCK XL	ONEROCK L	ONEROCK M	ONEROCK S
Consumption	1 Kg/m²	0,9 Kg/m²	0,45 Kg/m²	0,35 Kg/m²
Adhesion Strength	>1,5 N/mm²	>1,5 N/mm²	>1,5 N/mm²	>1,5 N/mm²
Taber Wear Resistance (CS17, 1000g, 1000c)	60	65	74	78
Compressive Strength	>50 N/mm²	>50 N/mm²	>50 N/mm²	>50 N/mm²
Finish	No cloudy effect	No cloudy effect	No cloudy effect	Cloudy effect
Slip Resistance	Class 3	Class 3	Class 1	Class 1

Step by step

Surface Preparation.
All surfaces must be clean, dry, level, and sound.
Apply PRIMER or PRIMERQUARTZ primer and allow to set for at least 30 minutes. In special cases where a more homogeneous substrate is required, PREPOX-type primers will be necessary.
If the substrate is damp, consult with Lunik technical personnel.
On tiles and other grouted surfaces, it will be necessary to fill these joints beforehand with ONEROCK (it is advisable to do this twice) and allow to dry for at least 24 hours before applying the primer.

Base Coat Application.
Apply 2 coats of ONEROCK XL/L, applying some pressure with the trowel.
Wait 8-12 hours between coats.
Tool: Metal trowel.
Sand each coat with 24 or 40 grit sandpaper and vacuum the surface.

Finish Coat Application.
Apply 1 or 2 coats of ONEROCK S/M, applying some pressure with the trowel. Allow 6-8 hours between coats.
Tools: Metal trowel for medium (M), plastic trowel for small (S).
Sand with 120 grit (M) or 220 grit (S) and vacuum the surface.

Sealing.
Apply two coats of VARNISH W water-based aliphatic polyurethane (5:1).

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.
- 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 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.