

DATA SHEET

L U N I K

ONEROCK

READY TO USE MICROCEMENT

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/m ²	0,9 Kg/m ²	0,45 Kg/m ²	0,35 Kg/m ²
Layer Thickness	1 mm	0,8 mm	0,5 mm	0,3 mm
Adhesion Strength	>1,5 N/mm ²	>1,5 N/mm ²	>1,5 N/mm ²	>1,5 N/mm ²
Taber Wear Resistance (CS17, 1000g, 1000c)	60	65	74	78
Compressive Strength	>50 N/mm ²	>50 N/mm ²	>50 N/mm ²	>50 N/mm ²
Finish	No cloudy effect	No cloudy effect	No cloudy effect	Cloudy effect
Slip Resistance	Class 3	Class 3	Class 1	Class 1
Fire Resistance	BFL S1	BFL S1	BFL S1	BFL S1
Flexion Resistance	>11 N/mm ²	>11 N/mm ²	>11 N/mm ²	>11 N/mm ²

www.lunik.cc

Calle Benifaió 38, Guadassuar (Valencia)
CP 46610 Spain
Tel. +34 96 116 38 84

Step by Step

Support preparation.

All surfaces must be clean, dry, level and consolidated.

Apply PRIMER or PRIMERQUARTZ primer, wait at least 30 minutes.

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.

Apply 2 coats of ONEROCK XL/L applying some pressure with the 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 or 2 coats of ONEROCK S/M applying some pressure with the trowel.

Tool: Metal trowel for M, Plastic trowel for S

wait 6-8 hours

Sanded with 120 (M) or 220 (S) grit and vacuumed the surface.

Application of water-based aliphatic polyurethane VARNISH W (5:1) diluted with 20%-30% water.

Tool: Roller

wait 12 hours

Sanded with 400 grit for extra smoothness (optional)

Sealing application with VARNISH W (5:1) diluted with 10% water.

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 0°C and above 30°C 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 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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