



ECOLANIC[®]

MICROCEMENT OXIDE

MAPLEXINE AUTO OXIDANTE

Maplexine Auto
Oxidizer A



Maplexine Auto
Oxidizer B



MICROCEMENT
OXIDE

**MAPLEXINE
AUTO
OXIDIZER**



Description

Self oxidizing metallic microcement. It consists of a conglomerate of different organic resins free of VOCs and selected iron powder. It comes in the form of a semi-solid paste (mixing components A and B), practically odorless, which transforms, once applied to the support and without the need for activators, into a rusty surface perfectly adhered to the support. Decorative product at the forefront of design and at the same time respecting the environment.

Usos y campos de aplicación

It is used as an exterior and interior coating, acting as protector and decorator.

Metallic oxide effect coating that provides a beauty adapted to modern aesthetic trends / Oxidized iron color, similar to corten steel.

It is suitable for covering and decorating ceilings, walls and floors of commercial and residential spaces such as: Stores, offices, restaurants, lobbies, zones of exhibition, homes, furniture, shelves, countertops, etc. Given its high adhesion power on almost all types of surfaces (after preparation) such as mortar, concrete, plaster, wood, metal, etc. make it the ideal decorative solution for both new construction and renovation.

Properties

CHEMICAL

Insensitive to marine atmospheres.

Insensitive to acid rain (sulfurous vapors).

Resistant to carbon dioxide pollution.

Hold dilute alkaline and acidic solutions.

PHYSICAL

Resistant to ultraviolet radiation. Paste density 2.3 kg / l.

It preserves its properties at the extreme temperatures of our climates (-30° C. to + 60° C.)

Non-flammable in a pasty state. Simple flameless combustion in the dry state at 250° C.

Once dry on the support, it is impervious to washing and rain.

It systematically clogs porosities, capillary microcracks.

Absolutely odorless once polymerized.

Breathable

Avoid the accumulation of bacteria and fungi.

Greenbuilding Philosophy



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Special precautions

- Do not apply below 5°C. Do not apply above 35°C.
- Do not apply with the risk of frost, strong winds or direct sun.
- Use gloves and protective glasses for use.
- Keep out of the reach of children.
- The support must be dry (humidity less than 3%).
- Supplies and tools will be cleaned with water immediately after use. Once hardened, the product can only be cleaned by mechanical means.
- Empty containers must be disposed of in accordance with current legislation.
- To improve protection, you can apply a coat of our PRIMER DUR diluted 1/1 with water for indoors and our CIDEX 51T LU waterproofing for outdoors.
- In case of applying in showers or baths, protect with our Pavilac Dur Gold (see technical data sheet)

Consumption

The average consumption per square meter is 1.20 Kg for two coats of product.

Presentation

It comes in two different formats:

17.5 kg kit: Solid Part A, 12kg Bucket and Part B Viscous Gel - 5.5kg Buckets

5 kg kit: Solid Part A, 3.4kg Bucket and Part B Viscous Gel - 1.6kg Buckets



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APPLICATION RULES

Application tooling

Los recipientes de trabajo utilizados (cubos, pasteras, etc.) deben ser de plástico.

Supports and preparation of the support

Supports

- It can be applied on a wide variety of surfaces with different characteristics:
- Cement mortars, smooth concrete surfaces, stripped and stripped clean, gypsum plasters (only in interior and on good quality plaster with a preparation with Agma CH (see Technical Data Sheet), fibro-cement plates, solid wood boards, wood conglomerates, fibrous boards and metal panels.

Preparation of the support

- When MAPLEXINE AUTO OXIDIZER has to be applied on previously treated surfaces with paint or varnish, it is necessary to scratch them to leave a solid, healthy and absorbent background.
- The surfaces must be brushed to remove any type of dust or impurity between the support and the MAPLEXINE AUTO OXIDIZER.
- The support must be treated with our AGMA CH sealer and be completely dry for the application of the auto-oxidant.
- On irregular supports, prepare the support with our MICROREPARADOR (see technical data sheet / video Maplexine oxide) and then AGMA CH sealer.



Agma CH and Microreparator

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Product preparation

After the preparation described above, MAPLEXINE AUTO OXIDIZER is applied like any general coating. Pour all solid part A over part B and mechanically shake until a homogeneous semi-solid paste is obtained. Avoid leaving the material mixed to avoid changes in hue, mix and use immediately without saving remains for later applications. A maximum of 2 or 3% clean water can be added to make the mix more fluid.

Product application

The trowels used are of different shapes, depending on the imperatives of the work. (Stainless steel). A work always begins at the top of the building. On the contrary, the application of the material is done from the bottom up on the work surface of the worker. Spread the product with movements in the form of an arc, review it until it is completely smooth and without accumulations.

The working time is 30 minutes depending on the wind, temperature and hygrometric state. During this working time, proceed to smooth the surface using the same trowel. It should not be applied at temperatures below + 5° C. or above 35° C. in the shade, nor in rainy weather, nor when strong hot winds blow.



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Identifying Data

Consistency:	A Solid B dense paste
Mixed appearance:	Semisolid paste
Mixed color:	Gray
Solid content (%):	A 100 B 23

Application data (at + 23 ° C and 50% RH)

Mix ratio:	comp. A: 68% comp. B = 32%
Mix consistency:	Semi-solid paste
Mix density (kg/ cm ³):	2.3
Mix duration (min.):	25min. Mix and use as the product begins to react.
Permitted application temperature:	from +5°C to +35°C
Timebetween coats:	12h
Lacquering time:	24h
Time forcontact with water (facades / showers):	7 days
Dryingtime to the touch:	2-3 h/temperatures
Interval between coats:	12 hours approx. at 23°C and 50% relative humidity.
Maximum performance:	15 days after its application.



**These times can vary considerably depending on the ambient temperature*

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SAFETY AND HYGIENE INFORMATION

For any information regarding safety issues in the use, handling, storage and disposal of chemical residues, users should consult the most recent version of the Product Safety Sheet. Empty containers must be disposed of in accordance with current legal regulations.

STORAGE CONDITIONS

-6 months from the date of manufacture, in original closed container and sheltered from the elements. The storage and transport of component B must be prevented at extreme temperatures (Keep between 5° C and 25° C) to avoid possible damage to its composition. ECOLANIC will not be responsible for the misuse or storage of the product.

NOTE: The instructions for use are made according to our tests and knowledge and are not binding.

They do not free the consumer from the examination and verification of the products for their correct use. The company's liability will be limited to the value of the merchandise used.

Descriptive memory

Application of two coats of Ecolanic MAPLEXINE AUTO OXIDANT self-oxidizing metallic microcement on substrate without deviations and previously prepared with Ecolanic AGMA CH acrylic sealer. Two-component coating in the form of a semi-solid paste (mixing components A and B), practically odorless, which transforms, once applied to the support and without the need for activators, into a rusty surface perfectly adhered to the support. In irregular supports prepare the support with MICROOREPARATOR Ecolanic.