

Product with the European conformity mark **CE**

PRODUCT Nº.:4216

TECMA PAINT® SILICATOS

WATERPROOFING MINERAL COATING FOR WALLS

DESCRIPTION:

TECMA PAINT® SILICATOS is a coating based on mineral silicates that provides a natural protection and is highly durable to the materials on which it is applied. The product is designed to adhere tightly to the material on which it is applied becoming part of it and allowing it to breathe thanks to its high breathability. It allows to get painted surfaces with a natural look.

FEATURES:

Nature	Inorganic silicate
Diluent	Water
Application	Brush, roller
Application temperature	+10 to +35 °C
Surface drying time (EN ISO 1517)	< 1 hour
Yield	5 m ² /kg at 60 micron of dry film thickness
Water vapor permeability (EN ISO 7783-1/-2) (Equivalent air barrier)	S _D < 5 meters Class I (EN 1504-2) Permeable to water vapor
Water permeability (EN 1062-3)	< 0,1 kg/ m ² .h ^{0,5} Impermeable to water (EN 1504-2)
Adhesion to concrete support (EN 1542)	3,5 MPa(A:B/C:50%:50%)
Hazardous substances (EN 1504-2)	Complies with paragraph 5.3 of EN 1504-2 Standard
Colors	See color chart

ACCREDITATIONS:

Product with the European conformity mark CE: product complies with European Standard **EN 1504-2** and the **Directive 89/106/EEC on construction products**

PROPERTIES:

Excellent adhesion to a variety of substrates, becoming part of them.
Excellent water vapor permeability.
Not attacked by fungi or algae.
Easy application by conventional methods: brush, roller, sprayer.
Resistant to water and aging

SCOPE:

Facade protection of concrete, lime or cement mortar, brick, plaster, etc. The total absence of organic solvents and odors, allows indoor application.

SURFACE PREPARATION:

Surfaces must be dry and free from grease, oil, loose particles, dust or other contaminants. On exterior surfaces, the grout must be removed by mechanical grinding or attacked with our **DESCA-2F** diluted with 4-6 parts of water, then rinse thoroughly with water. Surfaces must have a certain roughness and porosity to allow good adhesion of the coating.

INSTRUCTIONS:

The application on new mortar renders require a waiting period of 3-4 weeks before painting. Surfaces painted with lime should be removed with a brush and apply first a coat of **TECMASIL PRIMER** diluted with 50% of water. In gypsum plaster surfaces, apply one coat of primer **IMPRIMACION A** before applying **TECMA PAINT SILICATOS**.

Generally, we recommend applying a coat of **TECMASIL PRIMER** diluted with 50% of water on surfaces of lime or cement mortar, concrete, cement renders, bricks, etc, as this way the absorption will be regularized and surfaces will be reinforced. On surfaces with regular absorption, **TECMA PAINT SILICATOS** can be applied directly.

As a sealer coat can also apply a primer made with 1 part of **TECMA PAINT SILICATOS**, 1 part of **TECMASIL PRIMER** and 1 part of water. Thus absorption is regularized and cover the surface.

On painted surfaces with plastic or acrylic paints, the application must be made once that all the bad adhered paint has been removed.

SPECIAL RECOMMENDATIONS:

- The nearby surfaces must be protected from splashes of the product. Special care should be taken with glass, ceramic, natural stone, lacquer, metal surfaces, etc. The splash will be removed immediately with water.
- Cleaning of tools will be immediately made with water.
- Although the application can be done with slightly damp surfaces, take care to avoid any excess of moisture on them.
- The full curing of the applied coating occurs after 20 days the product is applied.
- Do not apply at temperatures below 10° C.

PRESENTATION AND STORAGE:

TECMA PAINT SILICATOS comes in plastic containers of 10 and 25 Kgs. The product will be stored in a cool place and protected from frost without exposing to high temperatures.

The information contained on this sheet, as well as our recommendations, both verbal and written or by tests conducted in our laboratories or in external laboratories, are given in good faith based on our experience and results of the tests, without that serve as a guarantee. Our recommendations do not relieve the obligation to know in depth the application of product to use prior to their use and take pre-tests if there is doubt about the suitability of these for any site of application. The application, use and handling of our products are beyond our control and therefore the responsibility of that comes to putting in work. It will therefore be responsible for the person who makes use of the product without the observance of the instructions listed here .

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