

Fecha de Alta

12-01-2021

Versión

6 - 25/04/2024



FAMILY REVESTIMIENTOS DE FACHADAS / SISTEMAS TINTOMÉTRICOS
LINE SILICATO

DESCRIPTION AND NATURE

Smooth silicate coating, for protecting and decorating façades and exterior walls. Deep mineral matt appearance that conceals imperfections. Stops the spread of mould. It provides high durability and resistance on mineral substrates where maximum adherence and breathability is obtained, avoiding the accumulation of dampness and the formation of blisters and flaking. Ideal for professional application: high coverage, high performance, low gloss and fast execution. This product contributes to LEED®, BREEAM® and VERDE certifications.

USAGES

Outdoors/Indoors

Facades

Stone

Restoring historic centres

Mineral media

Cement mortars

Concrete

Lime Mortars

PROPERTIES

Guarantee prior issuance certified by Pinturas Montó SAU: up to 12 years white color and up to 10 colors COF and Eterna chart (depending on color, consult the charts); total consumption for guarantee: 0.4 l/m²

Gloss level: extra matt (according to 13300 standard, at 85° reflectance <5)

Opacity: Class 1 for a performance of 5 m²/litre (according to Standard UNE-EN 13300). This information may vary depending on the colour chosen.

Water vapor permeability: V1 (maximum breathable) (according to UNE-EN 1062-1 standard)

Permeability to liquid water: W1 (maximum impermeability) (according to UNE-EN 1062-1 standard)

Gloss: G3 (matt, according to the UNE-EN 1062-1 standard)

Washability: Class 2 (according to UNE-EN 13300 Standard)

Amount of organic matter < 5% (Standard UNE EN 48312)

Dry film thickness: E2 (between 50 and 100 microns, according to UNE-EN 1062-1 standard) calculated for a performance of 10 m²/l with two coats



TECHNICAL CHARACTERISTICS

| | |
|------------------|--------------------------------------|
| Referencia Color | OVALDINE SILICATO BLANCO |
| Finish | Smooth matt |
| Specific weight | 1,42± 0,05 kg/l |
| Viscosity | 50 +/- 10 PO |
| Solids in volume | 31± 1 |
| Solids in weight | 53± 1 |
| VOC | Cat. c/BA 75/40 (2007/2010):0,00 g/l |

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Aproximated performance by coat 6-8 m²/L

| | |
|----------------|---|
| Dry to touch | (20°C HR: 60%): 2h |
| Dry to repaint | (20°C HR: 60%): 24h |
| Colours | White 103 Colors consult COF and ETERNA charts |

SURFACE PREPAIRING

New surfaces

Apply on clean and dry surfaces.

On very porous surfaces regulate absorption with Primer Silicato.

On gypsum surfaces prime with Fixing emulsion.

Restoring and maintenance

1. Completely remove old paint as the silicate must be in contact with the mineral support for the petrification reaction (solidification)
2. On mouldy surfaces apply Montoplím and remove remaining mould.
3. Glossy surfaces should be thinned out to ensure good adhesion.
4. Putty the surface defects with exterior filler (see product range 6 'SURFACE PREPARATION' for the corresponding product lines of powder fillers to make an adequate choice).
5. On surfaces with different textures (repairs and/or plasters) prime to obtain uniform absorption.

WAY OF USE

Application notes

It always must be applied on mineral supports of construction.

To shake the product until its perfect homogenization.

To print the support with PRIMER SILICATE diluted with water based on the porosity and state of the support.

To dilute the product with PRIMER SILICATO pure or mixed with water based on the porosity of the support.

You will put two or three coats of OVALDINE SILICATE in fine layers and without reviewing in humid.

Do not apply the product in inferior temperatures to 5° C nor humidity superior to 80%.

To avoid to paint on surfaces exposed to a strong sun.

In very absorbent supports to apply a coat of PRIMER SILICATO and 24 hours later 2-3 coats of OVALDINE SILICATO with 12-24 intervals hours.

In little absorbent supports to apply 2-3 coats of OVALDINE SILICATO .

Solvent for dilution and cleaning

Thinner: Primer Silicato. Cleaning: Water

| Way of use | Aproximate dilution |
|----------------|---------------------|
| Painting brush | 5-20% |
| Roller | 5-20% |

SYSTEM

Procedures depending of surface type

| | Primer | Intermedium | Finish |
|---------------------|-------------------------|---------------------------|-------------------|
| New work | | | |
| MAX | Primer Silicato diluido | Ovaldine Silicato diluido | Ovaldine Silicato |
| STD | Primer Silicato diluido | | Ovaldine Silicato |
| Support weak | | | |
| MAX | Primer Silicato diluido | Ovaldine Silicato diluido | Ovaldine Silicato |
| STD | Primer Silicato diluido | | Ovaldine Silicato |
| lime backset | | | |
| MAX | Primer Silicato diluido | Ovaldine Silicato diluido | Ovaldine Silicato |

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| | | |
|------------|-------------------------|-------------------|
| STD | Primer Silicato diluido | Ovaldine Silicato |
|------------|-------------------------|-------------------|

Old paintings

| | | | |
|------------|------------------------------------|---------------------------|-------------------|
| MAX | Eliminar + Primer Silicato diluido | Ovaldine Silicato diluido | Ovaldine Silicato |
|------------|------------------------------------|---------------------------|-------------------|

| | | |
|------------|------------------------------------|-------------------|
| STD | Eliminar + Primer Silicato diluido | Ovaldine Silicato |
|------------|------------------------------------|-------------------|

SECURITY

Do not eat, neither drink, nor smoke during the application. In case of contact with eyes, wash abundantly with clean water. Keep away from children. Do not throw in darin. Keep product in dry area, under cover and temperature between 5 to 35°C. For further information, please check product safety sheet.

NOTE

Maximum recommended storage time : 12 months since its fabrication in its original packaging perfectly closed, stored indoors and at temperatures between 5° and 35°C

Information here indicated is based on our actual knowledge, laboratory testing and taking in count the practical use under specific circumstances. As it is impossible to stablish an adequate description for every nature and status of the supports to be painted, we are unable to warrant the absolute reproductibility in each specific use

PACKINGS

12 L