



POMPEI PITTURA



MINERAL ANTI ALGAE PAINT WITH AN ANTIQUE APPEARANCE BASED ON POTASSIUM SILICATE

Compliant with the directive 2004/42/CE • Compliant with DIN 18363

DESCRIPTION

Mineral water-paint based on potassium silicates stabilized and hydrophobized, anti algae, for the protection and the decoration of interiors and exteriors. Excellent quality, very high coverage, sure inalterability to atmospheric agents and to UV rays. Has breathability features infact is suitable with dehumidifying systems and at the same time is water-repellent.

COLOR

White and color chart.

PACKAGING

Lt. 4 – 14 Plastic containers .

COMPOSITION

Based on stabilized and hydrophobized potassium silicate in aqueous dispersion, selected aggregates, inorganic pigments and earth pigments inalterable over time and additives tested to improve the workability.



USE

For the decoration and the protection of interiors and exteriors of surfaces both old and new as float plasters based on lime and cement, lime based plasters, dehumidifying plasters, water-repellent plasters, mineral finishes, external thermal insulation composite systems, concrete.

TECHNICAL SPECIFICATIONS

Dilution

Specific weight $\pm 5\%$ UNI EN ISO 2811-1

Dry residue UNI EN ISO 3251

PH

Viscosity

Min. Temp. for the film formation

Water absorption coefficient due to capillary action "W₂₄"

(Allowable limit DIN 4108.3 "W₂₄")

Water vapor diff. resistance factor m equivalent "Sd"

(Allowable limit DIN 4108.3 "Sd")

Kuenzle Theory (W * Sd)

(Allowable limit DIN 4108.3 (W * Sd))

Theoric yield

Tint

Adhesion on plaster

Limit value UE of the content of VOC (2010)

Content of VOC

Classification DIRECTIVE 2004/42/CE

Ready to use

1,440kg/lt

64%

≥ 10

$\sim 8.000\text{mPa}\cdot\text{s}$

+5°C

$< 0,10 \text{ kg}/(\text{mq}\cdot 24 \text{ h}^{1/2})$

$< 0,5 \text{ kg}/(\text{mq}\cdot 24 \text{ h}^{1/2})$

0,08 m

$< 2\text{m}$

$< 0,01 \text{ kg}/(\text{mq}\cdot 24 \text{ h}^{1/2})$

$< 0,1 \text{ kg}/(\text{mq}\cdot 24 \text{ h}^{1/2})$

7/8 mq/lt for each coat

See color chart

100%

$\leq 40 \text{ gr}/\text{lt}$

$\leq 16 \text{ gr}/\text{lt}$

C/BA

APPLICATION

- Prepare the substrates, both old and new, making sure that are perfectly dried and clean, removing all the crumbling and inconsistent parts and dusts, mud, bitumen, oil stains, etc.
- Remove carefully any old paints or synthetic coatings.
- Make sure that the substrates are free of saline efflorescence and stains of active humidity.



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- Apply the paint after 28 days at least from the plastering.
- If necessary to make a partial plastering or a complete skim coating with “INTORAS M or MC” powder stucco for interiors and exteriors.
- Then apply a coat of “POMPEI PRIMER” to uniform the absorption diluted with clean water in a ratio of 1:1.
- Waiting time for painting 12/24 hours at least.
- Waiting time between the first and the second coat 6/12 hours at least.
- To obtain an antique appearance make a first coat with POMPEI PITTURA with a soft color and a second coat with POMPEI PITTURA in a darker color diluted with POMPEI PRIMER in a ratio from 1:3 to max. 1:9.
- Don't apply on frozen substrates, with frost or possible frost in 24 hours.
- Don't apply in very sunny days.
- Don't apply 'till when the substrate hasn't completely dried.
- Don't apply with strong wind and/or driving rain.
- Don't apply on substrates treated with paints or synthetic coatings.
- Protect the decorated substrates from water for 48 hours at least.
- Create interruptions (string courses, diamond tips, etc.) or technical cuts in case of too extended surfaces.
- The color effect can vary depending on the environmental conditions and the time of application; is recommended not to apply the coating in different times.
- Is recommended not to make patches because will remain visible.
- Buy all the necessary material in just one batch.
- Don't add any other material to the product.
- We suggest to apply POMPEI PITTURA with a temperature between + 8 ° C and + 30 ° C, U.R.75% max.

FILM FEATURES

Matt, excellent resistance to dilatations to water, to UV rays, to alkalis and to chemical aggressions with excellent filling properties, high coverage and inalterability over time, washable, thixotropic, breathable, water-repellent, anti-mould.

USE

With a brush or with a short pile roller.

Is recommended the application with a brush, because with a roller there could be evident signs of rolled.

DRYING TIME

About 2/3 hours to the touch.

Deph dry 48 hours.

SUMMARY

La protection and the decoration internal and external will be realized with water-paint based on potassium silicates stabilized and hydrophobized, anti algae type “POMPEI PITTURA” by MALVIN S.r.l. , applied in two coats with a brush or with a roller, water vapor diffusion resistance factor m equivalent “Sd” = 0,08 m, water absorption coefficient due to capillary action “W₂₄” = 0,10 kg/(mq*24 h^{1/2}) and (W * Sd) < 0,01 kg/(mq*24 h^{1/2}), with a yield of 7/8 mq/lt for each coat, on surfaces previously treated with “POMPEI PRIMER”.

The performance characteristics refer to laboratory tests, values depend on the weather conditions and on the method of implementation. The user must verify that the product is suitable for the intended application.



MALVIN



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