



# ACRIFIN



## MINERAL ACRYLIC PASTE ANTIALGAE COATING FOR INTERIORS AND EXTERIORS

Compliant with the directive 2004/42/CE

### DESCRIPTION

Mineral quartz acrylic anti algae coating in paste of high quality, for the protection and the decoration of interiors and exteriors. Thanks to the nature of the main materials used guarantees a good breathability of the walls and an excellent resistance to weathering and alkalis.

### COLOR

White and color chart.

### PACKAGING

Kg 25 plastic container.

### COMPOSITION

Based on acrylic resins in aqueous dispersion, fine quartz powder micronized and aggregates rigorously selected in different grain sizes tested to obtain an homogeneous grading curve, inorganic pigments and colored unalterable earths pigments and additives tested to improve the workability.

### USE

As decorative and protective coating of interiors and exteriors both old and new as float plasters based on lime and cement, water-repellent plasters, mineral finishes, external thermal insulation composite systems, concrete, old coatings and synthetic paints.

### TECHNICAL SPECIFICATION

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

**Dry residue UNI EN ISO 3251**

**Viscosity**

**PH**

**Adhesion on plaster**

**Dilution**

**Minimum Temp. for the film formation**

**Water absorption coeff. due to capillary action "W<sub>24</sub>" (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))**

**Limit value UE of the content of VOC (2010)**

**Content of VOC**

**Classification DIRECTIVE 2004/42/CE**

### TIPO F/M

1,600 Kg/lt

F < 1,0 mm

M < 1,2 mm

87%

~150.000mPa\*s

≥8

>0,6 N/mm<sup>2</sup>

Pronto all'uso

+5°C

< 0,10kg/(mq\*24 h<sup>1/2</sup>)

< 0,5kg/(mq\*24 h<sup>1/2</sup>)

0,60 m

< 2m)

< 0,06 kg/(mq\*24 h<sup>1/2</sup>)

< 0,1 kg/(mq\*24 h<sup>1/2</sup>)

≤40 gr/lt

≤ 6 gr/lt

C/BA

### TIPO G/SG

1,650 Kg/lt

G < 1,5mm

SG < 2,0mm

87%

~150.000mPa\*s

≥8

>0,6 N/mm<sup>2</sup>

Pronto all'uso

+5°C

< 0,10 kg/(mq\*24 h<sup>1/2</sup>)

0,60 m

< 0,06 kg/(mq\*24 h<sup>1/2</sup>)

≤40 gr/lt

≤ 6 gr/lt

C/BA

### CERTIFICATIONS

Tested according to ETAG 004

### AVIABILITY

Type F mm 1,0.

Type M mm 1,2.

Type G mm 1,5.

Type SG mm 2,0.

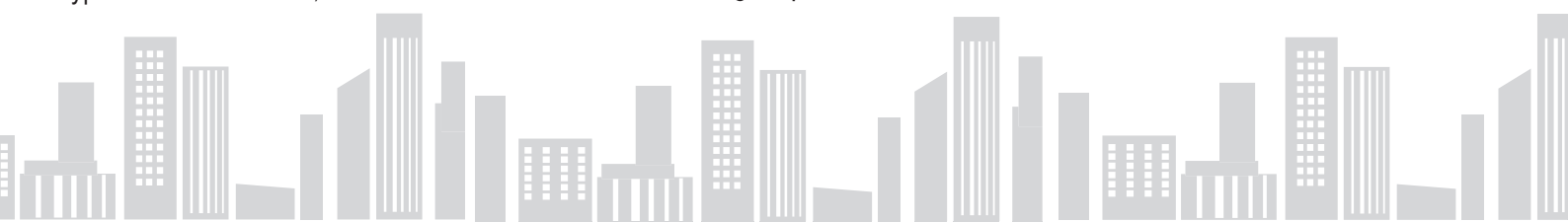
### YIELD

TYPE F 1,5-2,0 kg/mq thickness about 1,0mm.

TYPE M 1,8-2,3 kg/mq thickness about 1,2mm.

TYPE G 2,0-2,5 kg/mq thickness about 1,5mm.

TYPE SG 2,5-3,0 kg/mq thickness about 2,0mm.





## APPLICATION

- Prepare the substrates, both old and new, making sure that they are perfectly dry and clean, removing all the crumbling and inconsistent parts and dusts, mud, bitumen, oil stains, etc.
- Brush carefully any old paint not bonded to the substrate.
- Make sure that the substrates are free of saline efflorescence and stains of active moisture.
- Inside to make a partial plastering or a complete skim coating with "MALVISTUK" paste stucco or "MICRORAS SB" powder stucco for interiors.
- Outside to make, if necessary, a partial plastering or a complete skim coating with "INTORAS M o MC" stucco powder stucco for exteriors.
- Then apply a coat of the fixative "PREVIT COL" to uniform the absorption diluted with clean water up to a ratio di 1:2, depending on the absorption of the substrate.
- Waiting time for the application of the coating 6/12 hours at least
- Apply the product with a metal trowel taking care to make a uniform layer over the entire surface.
- Minimum thickness of application depending on the grain from 1 to 1,5 mm.
- Level and smooth the surface before the product has hardened
- Finish immediately with a plastic spatula with a vertical or circular movement depending on the final desired effect or with a sponge float.
- Don't apply on frozen substrates, with frost or possible frost in 24 hours.
- Don't apply in very sunny days
- Don't apply with strong wind and/or driving rain.
- Don't apply 'till when the substrate hasn't completely dried.
- Don't apply on dehumidifying plasters.
- Protect the decorated substrates from the water for 48 hours at least.
- 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 materials in a single batch.
- The product does not require addition of other materials.
- We suggest to apply ACRIFIN with a temperature between + 5 ° C and + 30 ° C.

## FILM FEATURES

Matt, excellent resistance, excellent elasticity, good adhesion to the ground, breathable, waterproof, anti-mold, anti-bacterial.

## USE

With a metal, plastic trowel and with a sponge float.

## DRYING TIME

About 5 hours to the touch.

Depth dry 48 hours.

Total hardening 7/8 days.

## COMPATIBILITY

With every product based on resins in aqueous dispersion.

## SUMMARY

The protection and the decoration of interiors and exteriors will be realized with a acrylic anti algae mineral coating based on fine quartz powders, ready to use, type "ACRIFIN " by MALVIN S.r.l., with a water absorption coefficient due to capillary action " $W_{24} < 0,10 \text{ kg}/(\text{mq} \cdot 24 \text{ h}^{1/2})$ ", a water vapor diffusion resistant factor m equivalent " $S_d = 0,60 \text{ m}$  and  $(W \cdot S_d) < 0,06 \text{ kg}/(\text{mq} \cdot 24 \text{ h}^{1/2})$  applied with a metal trowel, on the thickness from 1,0 to 2,0 mm and with a medium consumption from 1,5 to 3,0 kg/mq depending on the grading, on substrates previously treated with primer type "PREVIT COL" and finished with a metal and/or plastic trowel and/or with a sponge float.

*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

